SANYO

FILE NO.

SERVICE MANUAL

Remote Control Digital Color Television

DP46848 (U.S.A.) (CANADA)

ORIGINAL VERSION

Chassis No. P46848-00

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

Servicing should be performed by only trained and qualified service personnel.

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Specifications

POWER RATING 120VAC
280W (AVG.)
ANTENNA INPUT IMPEDANCE 75Ω
UHF/VHF/CATV
DIGITAL
RECEIVING CHANNEL . . . . . 2 - 13 (VHF),
14 - 69 (UHF),
01, 14-94, 95-135 (CATV)
1-135 (DIGITAL)
REMOTE READY . . . . . 32 KEY REMOTE CONTROL
SOUND OUTPUT . . . . . 5.0 W/CH
INTERMEDIATE FREQUENCY
PICTURE IF CARRIER 45.75MHz
SOUND IF CARRIER 41.25MHz
COLOR SUB CARRIER 42.17MHz
CABINET DIMENSIONS
WIDTH 1112.5mm
HEIGHT 800.1mm
DEPTH INCLUDING BASE 271.8mm

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING: The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

The following precautions must be observed:

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

   Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

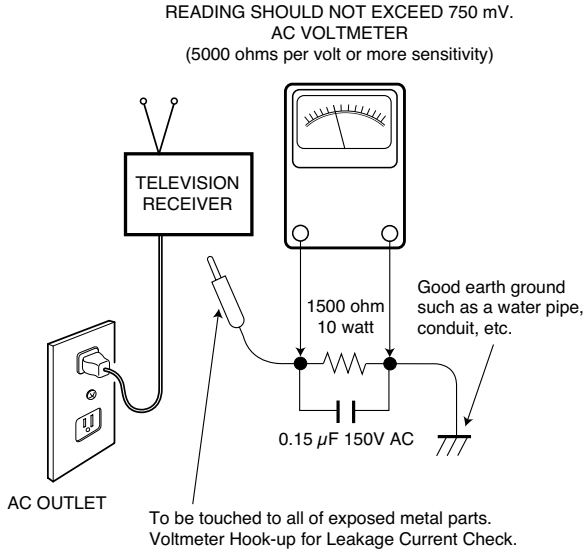
LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 µF 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



SERVICING ELECTROSTATICALLY SENSATIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

   CAUTION: Be sure to remove the wrist strap before applying power to any unit being serviced.
2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

   CAUTION: Be sure that no power is applied to the chassis or circuit assembly.
7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpackaged) ES devices.

SERVICE ADJUSTMENTS

GENERAL

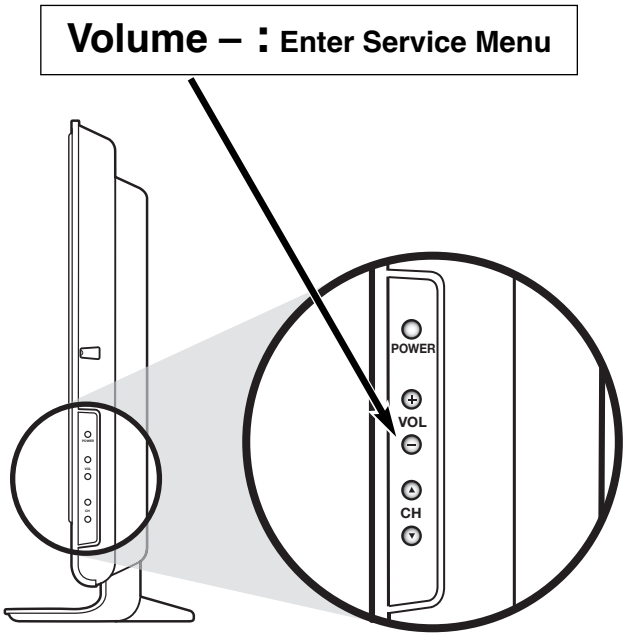
This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

ON-SCREEN SERVICE MENU SYSTEM

1. Enter the Service Menu:

- Turn off the receiver and disconnect the AC power supply.
- While pressing the Volume (–) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.

Figure 1. Service Menu Display

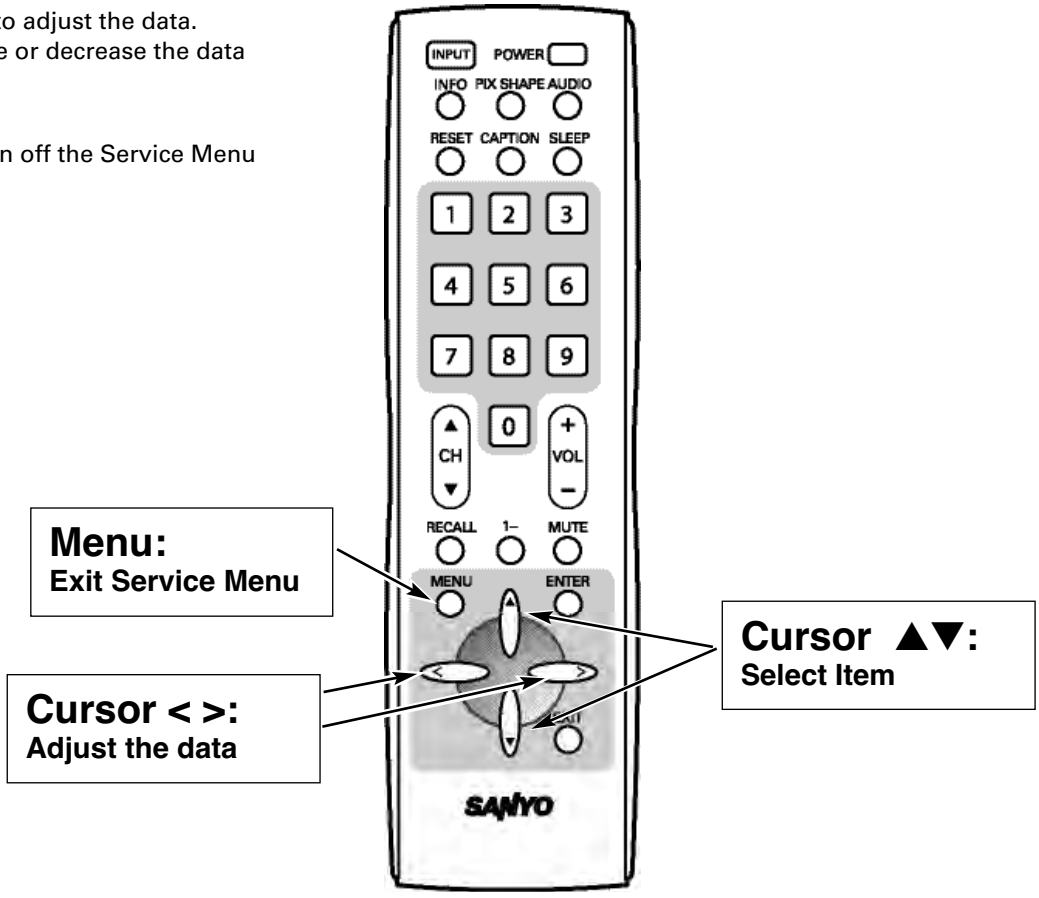


2. Service Adjustments:

- Press the **Cursor** ▲ or ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the **Cursor <** or **>** key to adjust the data. The **<** or **>** key will increase or decrease the data sequentially.

3. Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



ON-SCREEN SERVICE MENU

Table 1. ON-SCREEN SERVICE MENU

When IC801 (EEPROM) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

No.	Title	Initial Data	Note
1A0	MUTE	A0h	Audio mute at Power ON
086	VOL	30h	Volume setup inspection
087	OP1	00h	Option 1 Data (HDMI)
088	OP2	33h	Option 2 Data (Display Panel)
101	1R00	00h	ROM Correction Data
102	1R01	00h	ROM Correction Data
↓	↓	↓	↓
197	2R47	00h	ROM Correction Data
198	2R48	00h	ROM Correction Data

- All data except in gray box area is fixed. Do not change for correct operating.
- Data in gray box is initial and can be set according to adjusment information.

PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

Note 1. Option Data 1 (NO. 087 OP1) should be hexadecimal 00. See 087 above. If this program code is wrong the TV will not operate properly.

Note 2. Option Data 2 (NO. 088 OP2) should be hexadecimal 33. See 088 above. If this program code is wrong the TV will not operate properly.

POWER FAILURE CIRCUIT

CPU (IC800) is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to"Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

Power Failure: Detected voltage failure for circuit. (Connected to IC800 pin 32 and pin 23.)

(Normal: High; Failure: Low)

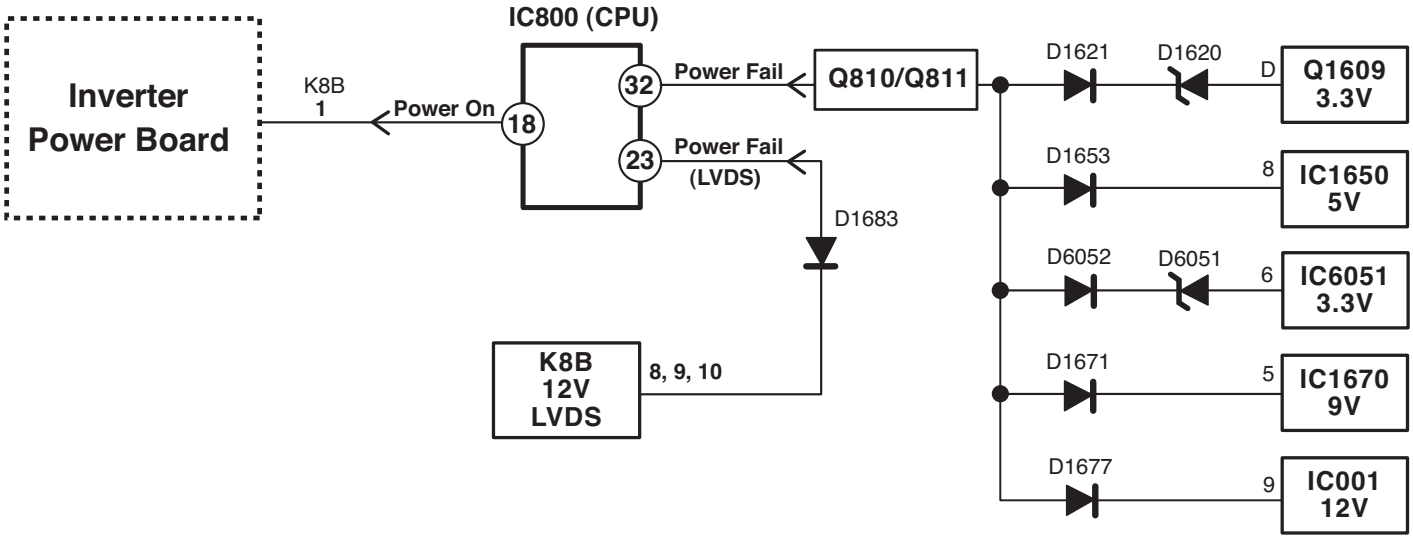
If, while the power is off, the power is switched on and any of these failures remains uncorrected, the CPU will shut off the power within three seconds.

Check the following if the unit is turned off by the power failure detector.

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

Note: If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On.To reset the operating programs of the CPU it is necessary to disconnect the AC cord for a short time.

Main



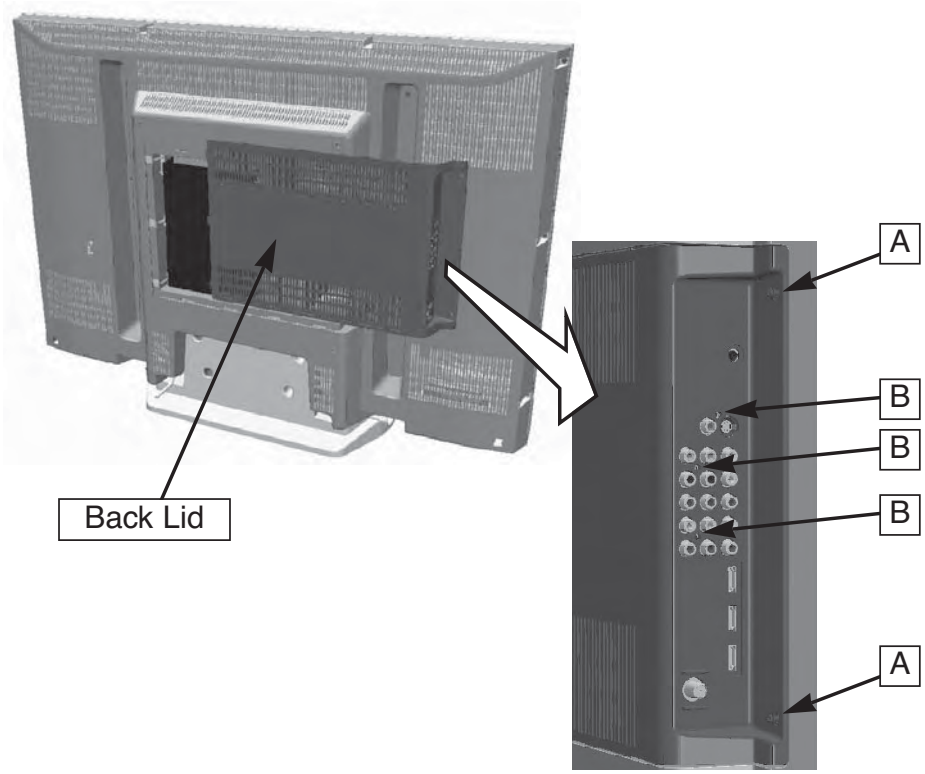
MECHANICAL DISASSEMBLY

ATTENTION

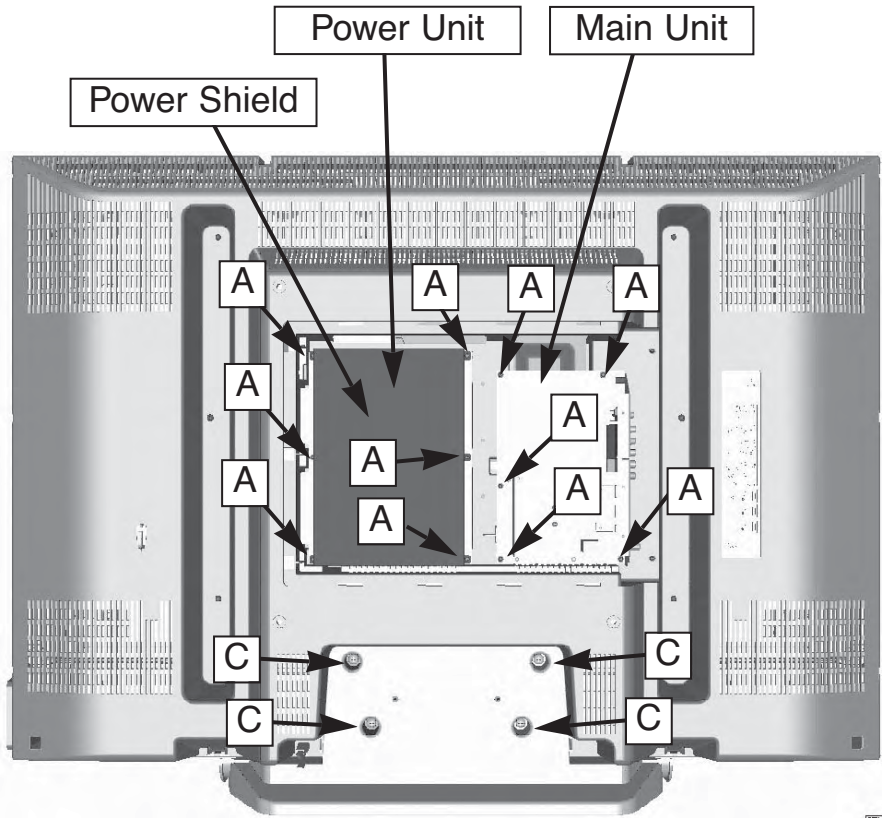
- This LCD TV uses several different kinds of screws. Using the **correct screw** is required to prevent damage.
- The **gaskets** are provided to prevent interference to other radio and television receivers. The gaskets must be returned to their previous positions after servicing.
- Lead wires must be redressed to previous positions after servicing.

BACK LID REMOVAL

Remove 5 screws (A:3X14) 2 pcs, and (B:3X8) 3 pcs, to take the back lid off.



MAIN BOARD, POWER UNIT AND STAND REMOVAL



1: Stand Removal

Position TV face down on a padded or cushioned surface to protect the screen.
Remove 4 screws (C:6X16) and remove the stand.

2: Main Board Removal

Remove 5 screws (A:3X14) to take the main board off.

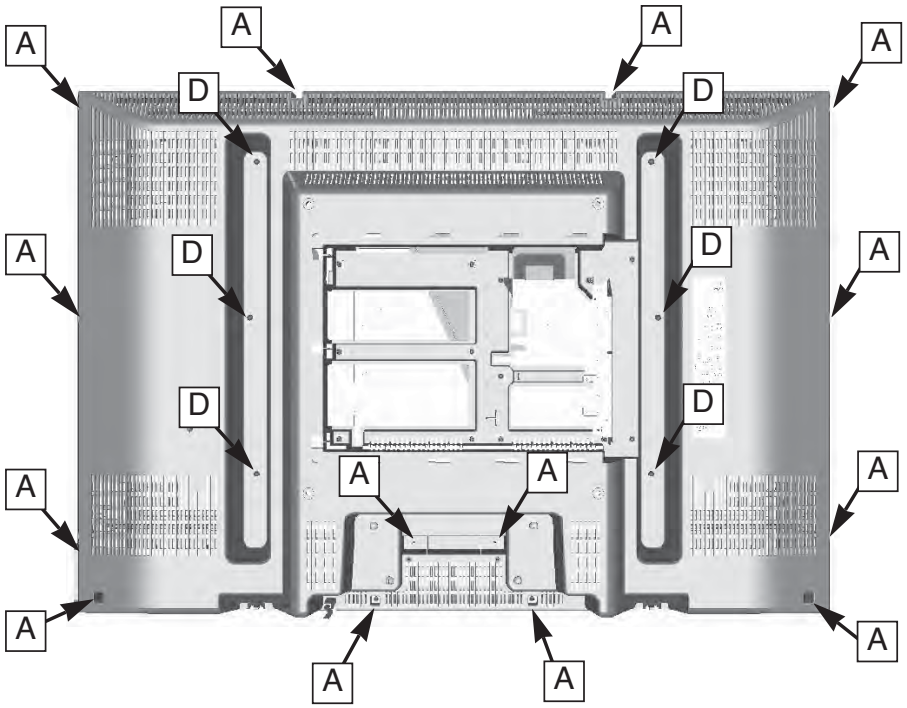
3: Power Unit Removal

1.1 Remove 5 screws (A:3X14) to take the power shield off.
1.2 Remove 1 screw (A:3X14) to take the power unit off.

BACK CABINET REMOVAL

Remove 20 screws to take the back cabinet off.

A (3X14), 14 pcs, D(4X8), 6pcs

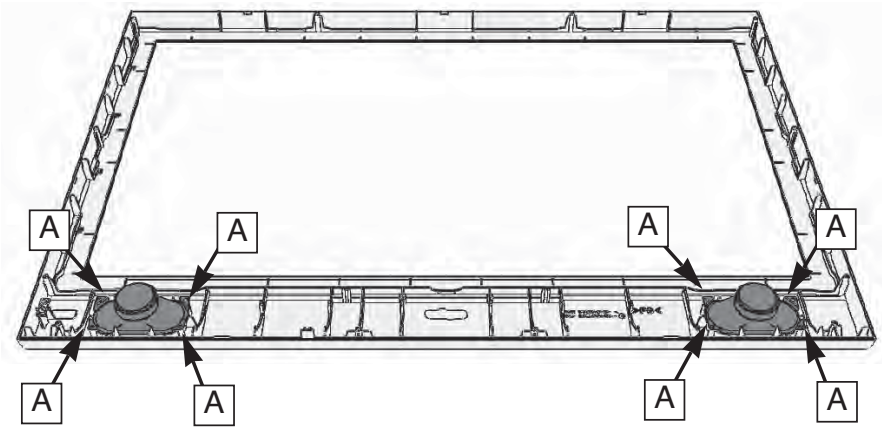


LCD PANEL AND SPEAKER REMOVAL

1. Disconnect the lead wires from LCD panel, speakers, and control board.
2. Lift up the LCD panel from the cabinet.

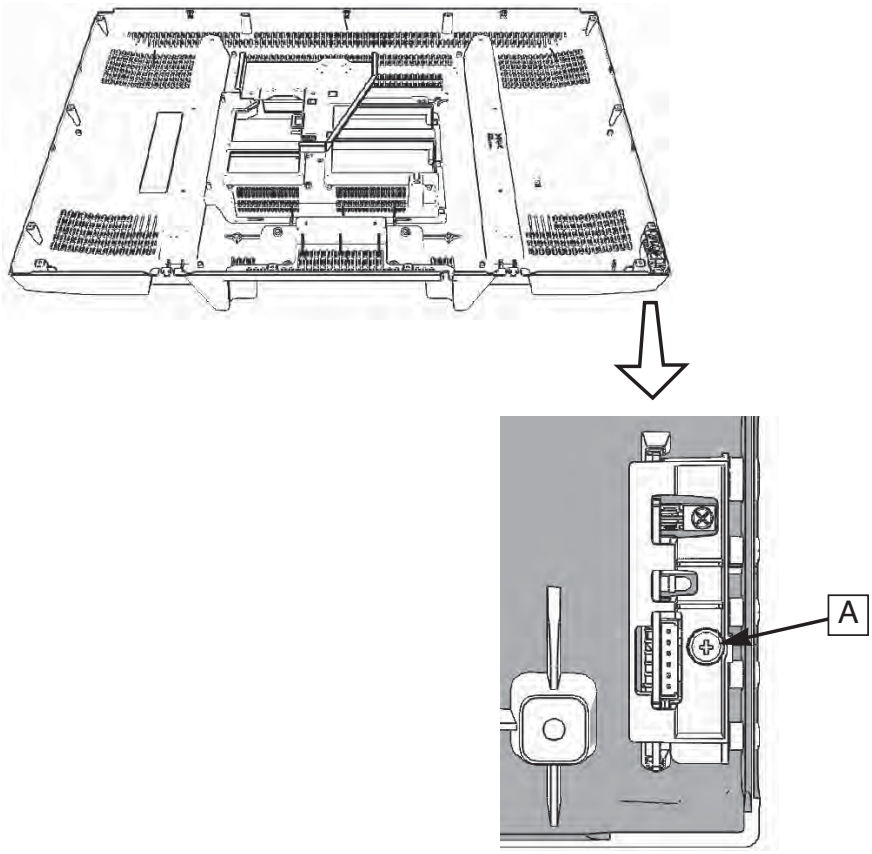
SPEAKER REMOVAL

Remove 4 screws (A:3X14) to take off each speaker.



CONTROL BOARD REMOVAL

Remove 1 screw to take the control board off.
A (3X14).



CHASSIS ELECTRICAL PARTS LIST

CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS, and PRODUCT SAFETY NOTICE on Page 2.

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A ⚠ IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A ⚠. NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A ⚠.

Note: Schematic part location numbers may not always match with the part descriptions.
The part descriptions are correct and should be used.

CAPACITORS

NOTES:
Read description of the Capacitor as follows:

(Example)

CERAMIC 100P K 50V

- 50V — Rated Voltage
- K — Tolerance Symbols:

Less than 10pF

A : Not specified	B : ±0.1pF	C : ±0.25pF
D : ±0.5pF	E : +0 -1pF	F : ±1PF
G : ±2pF	H : +0.1 -0pF	L : +0 -0.1pF
R : ±0.25 -0pF	S : +0-0.25pF	

More than 10pF

A :Not specified	B : ±0.1%	C : ±0.25%
D : ±0.5%	F : ±1%	G : ±2%
H :±3%	J :±5%	K :±10%
L :±15%	M :±20%	N :±30%
P :+100-0%	Q :+30-10%	T :+50-10%
U :+75-10%	V :+20-10%	W :+100-10%
X :+40-20%	Y :+150-10%	Z : +80-20%

- 100P — Rated value: P=pico farad, U=micro farad
- CERAMIC — Material:

CERAMIC..... Ceramic
MT-PAPER..... Metallized Paper
POLYESTER..... Polyester
MT-POLYEST.....Metallized Polyester
POLYPRO..... Polypropylene
MT-POLYPRO.... Metallized Polypropylene
COMPO FILM..... Composite Film
MT-COMPO..... Metallized Composite
STYRENE..... Styrene
TA-SOLID..... Tantalum Solid
AL-SOLID..... Aluminium Solid
ELECT..... Electrolytic
NP-ELECT..... Non-polarised Electrolytic
OS-SOLID..... Aluminium Solid with Organic Semiconductive Electrolytic

RESISTORS

NOTES:
Read description of the Resistor as follows:

(Example)

CARBON 4.7K J A 1/4W

- 1/4W — Rated Wattage
- A — Performance Symbols:
  A...General B...Non-flammable
  Z...Low noise
  Other... Temperature coefficient
- J — Tolerance Symbols:
  A...0.05% B...0.1% C...25%
  D...0.5% F...1% G...2%
  J...5% K...10% M...20%
  P...+5 -15%
- 4.7K — Rated Value, ohms:
  K...1,000 M...1,000,000
- CARBON — Material:

CARBON ..... Carbon
MT-FILM .....Metal Film
OXIDE-MT .....Oxide Metal Film
SOLID .....Composition
MT-GLAZE .....Metal Glaze
WIRE WOUND .....Wire Wound
CERAMIC RES .... Ceramic
FUSIBLE RES ..... Fusible

Schematic Location	Part No.	Description		
	CAPACITORS			
C001	CPXLB1C100YAJ	NP-ELECT	10U M	16V
	CPXLB1C100ZAJ	NP-ELECT	10U M	16V
C002	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C006	CEXLB1H100VDJ	ELECT	10U M	50V
C007	CEXLB1C101VDJ	ELECT	100U M	16V
C008	CK1H102KLZBNG	CERAMIC	1000P K	50V
C009	CK1H102KLZBNG	CERAMIC	1000P K	50V
C013	CPXLB1C100YAJ	NP-ELECT	10U M	16V
	CPXLB1C100ZAJ	NP-ELECT	10U M	16V
C015	CEXLB1C222VDJ	ELECT	2200U M	16V
C016	CEXLB1H100VDJ	ELECT	10U M	50V
C017	CEXLB1H100VDJ	ELECT	10U M	50V
C801	CK1A105KLZBNG	CERAMIC	1U K	10V
C802	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C803	CEXLB1V470VDJ	ELECT	47U M	35V
C804	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C805	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C807	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C809	CC1H220JLZCNG	CERAMIC	22P J	50V
C810	CC1H220JLZCNG	CERAMIC	22P J	50V
C811	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C812	CC1H470JLZCNG	CERAMIC	47P J	50V
C813	CC1H470JLZCNG	CERAMIC	47P J	50V
C814	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C816	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C818	CK1H222KLZBNG	CERAMIC	2200P K	50V
C819	CEXLB0J221VDJ	ELECT	220U M	6.3V
C821	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C822	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C823	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C824	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C825	CC1H470JLZCNG	CERAMIC	47P J	50V
C1002	CEXLB1V470VDJ	ELECT	47U M	35V
C1003	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1004	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1011	CEXLB1H100VDJ	ELECT	10U M	50V
C1012	CEXLB1H100VDJ	ELECT	10U M	50V
C1013	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1014	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1015	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1016	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1017	CEXLB1H4R7VDJ	ELECT	4.7 U M	50V
C1205	CEXLB1V470VDJ	ELECT	47U M	35V
C1251	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1605	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V
C1606	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1608	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1609	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1610	CEXLB1E102VDJ	ELECT	1K U M	25V
C1611	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1612	CC1H221JLZCNG	CERAMIC	220P J	50V
C1613	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C1614	CK1H104KLZBNG	CERAMIC	0.1U K	50V

Schematic Location	Part No.	Description		
C1617	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1618	CK1H392KLZBNG	CERAMIC	3900P K	50V
C1620	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1621	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1622	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1623	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1624	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1625	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1626	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1627	CE0J102MZVALC	ELECT	1000U M	6.3V
C1628	CEXLB0J102VDJ	ELECT	1000U M	6.3V
C1629	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1630	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1631	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1641	CE1E102MZVANC	ELECT	1000U M	25V
C1642	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1647	CEXLB0J102VDJ	ELECT	1000U M	6.3V
C1648	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1649	CK1A105KLZBNG	CERAMIC	1U K	10V
C1650	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C1655	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1656	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1657	CEXLB1E102VDJ	ELECT	1K U M	25V
C1658	CK1H222KLZBNG	CERAMIC	2200P K	50V
C1659	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1660	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C1669	CEXLB1V471VDJ	ELECT	470U M	35V
C1670	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1672	CEXLB1C101VDJ	ELECT	100U M	16V
C1673	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1675	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1678	CEXLB1C101VDJ	ELECT	100U M	16V
C1679	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1680	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1681	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1682	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1685	CEXLB1E102VDJ	ELECT	1K U M	25V
C1687	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1689	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1690	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1693	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1694	CEXLB1V470VDJ	ELECT	47U M	35V
C1803	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C1810	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1811	CEXLB1C101VDJ	ELECT	100U M	16V
C1901	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C1904	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C1907	CK1A105ZLZFNG	CERAMIC	1P Z	10V
C1909	CC1H470JLZCNG	CERAMIC	47P J	50V
C3200	CK1A105KLZBNG	CERAMIC	1U K	10V
C3201	CK1A105KLZBNG	CERAMIC	1U K	10V
C3202	CK1A105KLZBNG	CERAMIC	1U K	10V
C3203	CK1A105KLZBNG	CERAMIC	1U K	10V
C3204	CK1H223KLZBNG	CERAMIC	0.022U K	50V

Schematic Location	Part No.	Description		
C3205	CK1H222KLZBNG	CERAMIC	2200P K	50V
C3206	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C3208	CK1A105KLZBNG	CERAMIC	1U K	10V
C3209	CK1A105KLZBNG	CERAMIC	1U K	10V
C3210	CK1A105KLZBNG	CERAMIC	1U K	10V
C3211	CK1A105KLZBNG	CERAMIC	1U K	10V
C3212	CK1A105KLZBNG	CERAMIC	1U K	10V
C3213	CK1A105KLZBNG	CERAMIC	1U K	10V
C3214	CK1A105KLZBNG	CERAMIC	1U K	10V
C3215	CK1H222KLZBNG	CERAMIC	2200P K	50V
C3216	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C3217	CK1A105KLZBNG	CERAMIC	1U K	10V
C3218	CK1A474KLZBNG	CERAMIC	0.47U K	10V
C3219	CK1A105KLZBNG	CERAMIC	1U K	10V
C3220	CK1A105KLZBNG	CERAMIC	1U K	10V
C3221	CK1A105KLZBNG	CERAMIC	1U K	10V
C3222	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C3223	CEXLB1C222VDJ	ELECT	2200U M	16V
C5501	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5502	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5503	CC1H5R0CLZCNG	CERAMIC	5P C	50V
C5504	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5505	CC1H5R0CLZCNG	CERAMIC	5P C	50V
C5506	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5507	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5508	CE1V470MZVALC	ELECT	47U M	35V
C5509	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5511	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5512	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5513	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5514	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5515	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5516	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5517	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5519	CK1A105KLZBNG	CERAMIC	1U K	10V
C5522	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5523	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5524	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5525	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5526	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5527	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5528	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5529	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5531	CK1A105KLZBNG	CERAMIC	1U K	10V
C5532	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5534	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5535	CK1A105KLZBNG	CERAMIC	1U K	10V
C5536	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5537	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5538	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5539	CK1A105KLZBNG	CERAMIC	1U K	10V
C5541	CK1A105KLZBNG	CERAMIC	1U K	10V
C5543	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5544	CK1A105KLZBNG	CERAMIC	1U K	10V

Schematic Location	Part No.	Description		
C5545	CK1A105KLZBNG	CERAMIC	1U K	10V
C5546	CK1A105KLZBNG	CERAMIC	1U K	10V
C5547	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5548	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5549	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5551	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5552	CK1H102KLZBNG	CERAMIC	1000P K	50V
C5553	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5554	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5555	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5556	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5557	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5558	CK1H102KLZBNG	CERAMIC	1000P K	50V
C5559	CE1V470MZVALC	ELECT	47U M	35V
C5563	CK1A105KLZBNG	CERAMIC	1U K	10V
C5564	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5565	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5566	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5567	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5568	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5569	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5571	CK1H102KLZBNG	CERAMIC	1000P K	50V
C5573	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5574	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5575	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5576	CK1H102KLZBNG	CERAMIC	1000P K	50V
C5577	CK1A105KLZBNG	CERAMIC	1U K	10V
C5578	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5579	CK1A105KLZBNG	CERAMIC	1U K	10V
C5581	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5582	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5583	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5584	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5585	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5586	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5587	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5588	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5589	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5591	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5592	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5593	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5594	CK1H223KLZBNG	CERAMIC	0.022U K	50V
C5596	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5597	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5598	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5599	CE1V470MZVALC	ELECT	47U M	35V
C5601	CE0J221MZVALC	ELECT	220U M	6.3V
C5602	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5603	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5605	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5606	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5608	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5609	CE0J221MZVALC	ELECT	220U M	6.3V
C5611	CC1H470JLZCNG	CERAMIC	47P J	50V

Schematic Location	Part No.	Description		
C5612	CC1H470JLZCNG	CERAMIC	47P J	50V
C5614	CC1H470JLZCNG	CERAMIC	47P J	50V
C5615	CC1H470JLZCNG	CERAMIC	47P J	50V
C5617	CC1H470JLZCNG	CERAMIC	47P J	50V
C5618	CC1H470JLZCNG	CERAMIC	47P J	50V
C5621	CC1H470JLZCNG	CERAMIC	47P J	50V
C5622	CC1H470JLZCNG	CERAMIC	47P J	50V
C5624	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5625	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5627	CC1H470JLZCNG	CERAMIC	47P J	50V
C5628	CC1H470JLZCNG	CERAMIC	47P J	50V
C5629	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5631	CK1A105KLZBNG	CERAMIC	1U K	10V
C5632	CK1A105KLZBNG	CERAMIC	1U K	10V
C5633	CK1A105KLZBNG	CERAMIC	1U K	10V
C5634	CK1A105KLZBNG	CERAMIC	1U K	10V
C5635	CK1A105KLZBNG	CERAMIC	1U K	10V
C5636	CK1A105KLZBNG	CERAMIC	1U K	10V
C5637	CK1A105KLZBNG	CERAMIC	1U K	10V
C5638	CK1A105KLZBNG	CERAMIC	1U K	10V
C5639	CK1A105KLZBNG	CERAMIC	1U K	10V
C5641	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5642	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5643	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5644	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5645	CK1A105KLZBNG	CERAMIC	1U K	10V
C5646	CK1A105KLZBNG	CERAMIC	1U K	10V
C5647	CK1A105KLZBNG	CERAMIC	1U K	10V
C5651	CK1A105KLZBNG	CERAMIC	1U K	10V
C5652	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5653	CK1A105KLZBNG	CERAMIC	1U K	10V
C5654	CC1H470JLZCNG	CERAMIC	47P J	50V
C5655	CC1H470JLZCNG	CERAMIC	47P J	50V
C5656	CK1A105KLZBNG	CERAMIC	1U K	10V
C5657	CK1A105KLZBNG	CERAMIC	1U K	10V
C5661	CK1A105KLZBNG	CERAMIC	1U K	10V
C5662	CK1A105KLZBNG	CERAMIC	1U K	10V
C5663	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5664	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5665	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5666	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5667	CK1A105KLZBNG	CERAMIC	1U K	10V
C5668	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5669	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5671	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5672	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5673	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5674	CK1A105KLZBNG	CERAMIC	1U K	10V
C5675	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5676	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5677	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5678	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5679	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5681	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V

Schematic Location	Part No.	Description		
C5682	CK1A105KLZBNG	CERAMIC	1U K	10V
C5683	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5684	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5685	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5686	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5687	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5688	CK1A105KLZBNG	CERAMIC	1U K	10V
C5689	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5695	CK1A105KLZBNG	CERAMIC	1U K	10V
C5696	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5698	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5699	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5701	CE0J221MZVALC	ELECT	220U M	6.3V
C5702	CK1A105KLZBNG	CERAMIC	1U K	10V
C5703	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5704	CK1A105KLZBNG	CERAMIC	1U K	10V
C5705	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5706	CK1A105KLZBNG	CERAMIC	1U K	10V
C5707	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5708	CK1A105KLZBNG	CERAMIC	1U K	10V
C5709	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5710	CC1H471JLZCNG	CERAMIC	470P J	50V
C5711	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5712	CK1A105KLZBNG	CERAMIC	1U K	10V
C5713	CK1A105KLZBNG	CERAMIC	1U K	10V
C5714	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5715	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5716	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5717	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5718	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5719	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5720	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5721	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5722	CC1H471JLZCNG	CERAMIC	470P J	50V
C5723	CK1A105KLZBNG	CERAMIC	1U K	10V
C5724	CK1A105KLZBNG	CERAMIC	1U K	10V
C5725	CK1A105KLZBNG	CERAMIC	1U K	10V
C5726	CK1A105KLZBNG	CERAMIC	1U K	10V
C5727	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5728	CK1A105KLZBNG	CERAMIC	1U K	10V
C5729	CK1A105KLZBNG	CERAMIC	1U K	10V
C5730	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C5731	CK1A105KLZBNG	CERAMIC	1U K	10V
C5732	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5733	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5734	CK1A105KLZBNG	CERAMIC	1U K	10V
C5735	CK1A105KLZBNG	CERAMIC	1U K	10V
C5736	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5737	CK1A105KLZBNG	CERAMIC	1U K	10V
C5738	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5739	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5741	CK1A105KLZBNG	CERAMIC	1U K	10V
C5742	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5743	CK1A105KLZBNG	CERAMIC	1U K	10V

Schematic Location	Part No.	Description		
C5744	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5745	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5746	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5747	CK1A105KLZBNG	CERAMIC	1U K	10V
C5748	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5751	CE1V470MZVALC	ELECT	47U M	35V
C5755	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5756	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5761	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5762	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5763	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5764	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5765	CK1A105KLZBNG	CERAMIC	1U K	10V
C5766	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5767	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C5802	CC1H680JLZCNG	CERAMIC	68P J	50V
C5803	CC1H680JLZCNG	CERAMIC	68P J	50V
C5804	CC1H680JLZCNG	CERAMIC	68P J	50V
C5806	CC1H270JLZCNG	CERAMIC	27P J	50V
C5807	CC1H270JLZCNG	CERAMIC	27P J	50V
C5808	CC1H270JLZCNG	CERAMIC	27P J	50V
C5810	CC1H5R0CLZCNG	CERAMIC	5P C	50V
C5811	CC1H5R0CLZCNG	CERAMIC	5P C	50V
C5812	CC1H5R0CLZCNG	CERAMIC	5P C	50V
C5814	CC1H120JLZCNG	CERAMIC	12P J	50V
C5815	CC1H120JLZCNG	CERAMIC	12P J	50V
C5816	CC1H120JLZCNG	CERAMIC	12P J	50V
C5818	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5819	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5820	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5821	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C5822	CEXLB1H100VDJ	ELECT	10U M	50V
C5823	CEXLB1H100VDJ	ELECT	10U M	50V
C5902	CK1A105KLZBNG	CERAMIC	1U K	10V
C5904	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5905	CE1H100MZVALC	ELECT	10U M	50V
C6052	CK1A105KLZBNG	CERAMIC	1U K	10V
C6053	CK1A105KLZBNG	CERAMIC	1U K	10V
C6054	CE0J221MZVALC	ELECT	220U M	6.3V
C6055	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6060	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6061	CK1A105KLZBNG	CERAMIC	1U K	10V
C6065	CK1A105KLZBNG	CERAMIC	1U K	10V
C6066	CE0J221MZVALC	ELECT	220U M	6.3V
C6072	CK1A105KLZBNG	CERAMIC	1U K	10V
C6073	CK1A105KLZBNG	CERAMIC	1U K	10V
C6074	CE0J221MZVALC	ELECT	220U M	6.3V
C6075	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6101	CK1H102KLZBNG	CERAMIC	1000P K	50V
C6102	CK1H102KLZBNG	CERAMIC	1000P K	50V
C6106	CC1H220JLZCNG	CERAMIC	22P J	50V
C6107	CC1H220JLZCNG	CERAMIC	22P J	50V
C6110	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6111	CEXLB0J102VDJ	ELECT	1000U M	6.3V

Schematic Location	Part No.	Description		
C6112	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6118	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C6119	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C6121	CC1H120JLZCNG	CERAMIC	12P J	50V
C6122	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
C6123	CC1H120JLZCNG	CERAMIC	12P J	50V
C6124	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
C6125	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6201	CC1H471JLZCNG	CERAMIC	470P J	50V
C6202	CC1H680JLZCNG	CERAMIC	68P J	50V
C6203	CC1H680JLZCNG	CERAMIC	68P J	50V
C6204	CC1H680JLZCNG	CERAMIC	68P J	50V
C6205	CC1H471JLZCNG	CERAMIC	470P J	50V
C6206	CC1H680JLZCNG	CERAMIC	68P J	50V
C6207	CEXLB1H100VDJ	ELECT	10U M	50V
C6208	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6209	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6210	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6212	CEXLB1H100VDJ	ELECT	10U M	50V
C6270	CE1H100MZVALC	ELECT	10U M	50V
C6271	CEXLB1H100VDJ	ELECT	10U M	50V
C6272	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6273	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6274	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6275	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6276	CEXLB1H100VDJ	ELECT	10U M	50V
C6277	CEXLB1H100VDJ	ELECT	10U M	50V
C6278	CK1A105KLZBNG	CERAMIC	1U K	10V
C6279	CK1A105KLZBNG	CERAMIC	1U K	10V
C6354	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6361	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C6362	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6363	CEXLB1H100VDJ	ELECT	10U M	50V
C6364	CEXLB1C101VDJ	ELECT	100U M	16V
C6365	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6401	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C6402	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6403	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6404	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C6405	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C6407	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6408	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6409	CE0J222MZVALC	ELECT	2200U M	6.3V
C6410	CE0J222MZVALC	ELECT	2200U M	6.3V
C6412	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6413	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6421	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6422	CK0J106KGMBNG	CERAMIC	10U Z	6.3V
C6424	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C6425	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6426	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6501	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6502	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6503	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V

Schematic Location	Part No.	Description		
C6504	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6505	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6509	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6510	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6511	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6512	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6513	CK1H102KLZBNG	CERAMIC	1000P K	50V
C6514	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6515	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6516	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6517	CEXLB1V470VDJ	ELECT	47U M	35V
C6518	CEXLB1V470VDJ	ELECT	47U M	35V
C6519	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6520	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6521	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6522	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6523	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6524	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6525	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C6526	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V

DIODES

D801	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D803	DZUDZS3.9B--G	ZD UDZS-TE-173.9B
D804	DZUDZS6.2B--G	ZD UDZS-TE-176.2B
D1611	DDD1FM3-----G	DIODE D1FM3
D1612	DDD1FM3-----G	DIODE D1FM3
D1613	DDD1FH3-----G	DIODE D1FH3
D1620	DZUDZS3.0B--G	ZD UDZS3.0B-TE-17
D1621	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D1641	DDD1FM3-----G	DIODE D1FM3
D1663	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D1671	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D1677	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D1683	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17
D1901	DLSLR343MC3FN	LED SLR-343MC3F
D3216	DDRB551V-30-G	DIODE RB551V-30 TE-17
D6051	DZUDZS3.0B--G	ZD UDZS3.0B-TE-17
D6052	DD1SS352----G	DIODE 1SS352-(TPH3)
	DD1SS355----G	DIODE 1SS355-TE-17

INTEGRATED CIRCUITS

IC001	QLA42205-E--N	IC LA42205-E
IC1251	QCD4052BNSR-P	IC CD4052BNSR
	QTC4052BF---P	IC TC4052BF-EL
IC800	QXXAVC980---M	IC LC875932A-XXXX-E

Schematic Location	Part No.	Description
IC801	QLE24C042M-EP	IC LE24C042M-TLM-E
	QXXAVC820---P	IC AT24C04N-10SU-1.8
	QXXAVC844---P	IC CAT24C04WI-GT3
IC802	QTC7SET08FU-P	IC TC7SET08FU
IC803	QTC7SH08FU--P	IC TC7SH08FU (TE85L)
IC1600	QBD9842FV---P	IC BD9842FV-E2
IC1610	QLA5774MPE--P	IC LA5774MP-DL-E
IC1650	QMP2106DK---P	IC MP2106DK
IC1670	QXXAVC692---P	IC PQ1LAX95MSPQ
IC1691	QPST600DMT--P	IC PST600DMT
IC3200	QNJW1142CV--P	IC NJW1142CV
IC5500	QXXAVC969---M	IC 215-0684001--00
IC5700	QXXAVC967---P	IC HYB18T512161B2F-25
IC5750	QXXAAJQ0880--	IC NAND128W3A2BN6E N4VJ
IC5750A	QXXAVC973---M	IC NAND128W3A
IC5900	QM51957BFP--P	IC M51957BFP
IC6051	QPQ070XNA1ZPP	IC PQ070XNA1ZPH
IC6060	QXXAVC976---P	IC PQ018EN02ZPH
IC6071	QPQ070XNA1ZPP	IC PQ070XNA1ZPH
IC6200	QNJM4558M---P	IC NJM4558M-TE2
IC6270	QXXAVC944---P	IC WM8781GEDS/R
IC6400	QEP387APBF--M	IC EP387APBF
IC6504	QXXAVC972---M	IC SII9185A

COILS

L001	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L002	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L003	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L004	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L005	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L006	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L801	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L802	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L803	1LB4L26B0740G	INDUCTOR, 220 OHM
L804	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L805	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1000	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1202	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1602	1LB4L26B0740G	INDUCTOR, 220 OHM
L1603	1LB4L26B0740G	INDUCTOR, 220 OHM
L1608	1LB4L26B0740G	INDUCTOR, 220 OHM
L1609	1LB4L26B0740G	INDUCTOR, 220 OHM
L1610	1LB4L26B0740G	INDUCTOR, 220 OHM
L1611	1LB4L26B0740G	INDUCTOR, 220 OHM
L1614	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1615	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1616	1AV4L26B5930N	INDUCTOR, 10U
L1617	1LB4L26B1000N	INDUCTOR, 15UH
	1AV4L2WK150MN	INDUCTOR, 15U M
L1618	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1619	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1621	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1622	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1623	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W

Schematic Location	Part No.	Description
L1624	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1625	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1626	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1627	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1628	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1629	1LB4L26B0740G	INDUCTOR, 220 OHM
L1631	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1641	1LB4L26B1030N	INDUCTOR, 56UH
	1AV4L2WK560MN	INDUCTOR, 56U M
L1642	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1643	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1651	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1652	1LB4L26B1000N	INDUCTOR, 15UH
	1AV4L2WK150MN	INDUCTOR, 15U M
L1653	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1663	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1672	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1679	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1689	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1690	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1691	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1693	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1694	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1695	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1696	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1697	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1698	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1701	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1702	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1703	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1704	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1705	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1706	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1707	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1708	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1709	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1710	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1711	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1712	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1713	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1714	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1715	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1716	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1717	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1718	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1719	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1720	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1721	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1722	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1723	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1724	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1725	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1726	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1727	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1728	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1729	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1730	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1731	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1732	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1733	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1734	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1735	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1736	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1737	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1738	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1739	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1740	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1741	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1742	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1743	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1744	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1745	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1746	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1747	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1748	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1749	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1750	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1902	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L5502	1AV4L2FB150MG	INDUCTOR, 15U M
L5521	1LB4L26B0740G	INDUCTOR, 220 OHM
L5522	1LB4L26B0740G	INDUCTOR, 220 OHM
L5531	1LB4L26B0740G	INDUCTOR, 220 OHM
L5532	1LB4L26B0740G	INDUCTOR, 220 OHM
L5533	1LB4L26B0740G	INDUCTOR, 220 OHM
L5534	1LB4L26B0740G	INDUCTOR, 220 OHM
L5535	1LB4L26B0740G	INDUCTOR, 220 OHM
L5536	1LB4L26B0740G	INDUCTOR, 220 OHM
L5537	1LB4L26B0740G	INDUCTOR, 220 OHM
L5538	1LB4L26B0740G	INDUCTOR, 220 OHM
L5539	1LB4L26B0740G	INDUCTOR, 220 OHM
L5541	1LB4L26B0740G	INDUCTOR, 220 OHM
L5542	1LB4L26B0740G	INDUCTOR, 220 OHM
L5543	1LB4L26B0740G	INDUCTOR, 220 OHM
L5544	1LB4L26B0740G	INDUCTOR, 220 OHM
L5545	1LB4L26B0740G	INDUCTOR, 220 OHM
L5546	1LB4L26B0740G	INDUCTOR, 220 OHM
L5547	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
L5548	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W
L5549	1LB4L26B0740G	INDUCTOR, 220 OHM
L5551	1LB4L26B0740G	INDUCTOR, 220 OHM
L5552	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L5554	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L5556	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L5558	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L5561	1LB4L26B0740G	INDUCTOR, 220 OHM
L5562	1LB4L26B0740G	INDUCTOR, 220 OHM
L5579	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L5582	1AV4L2GAR47JG	INDUCTOR, 0.47U J

Schematic Location	Part No.	Description
L5591	1LB4L26B0700G	INDUCTOR, 120 OHM
L5592	1LB4L26B0700G	INDUCTOR, 120 OHM
L5593	1LB4L26B0700G	INDUCTOR, 120 OHM
L5594	1LB4L26B0700G	INDUCTOR, 120 OHM
L5595	1LB4L26B0700G	INDUCTOR, 120 OHM
L5596	1LB4L26B0700G	INDUCTOR, 120 OHM
L5597	1LB4L26B0700G	INDUCTOR, 120 OHM
L5701	1LB4L26B0740G	INDUCTOR, 220 OHM
L5751	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L5761	1LB4L26B0700G	INDUCTOR, 120 OHM
L5762	1LB4L26B0700G	INDUCTOR, 120 OHM
L5802	1AV4L2GA150JG	INDUCTOR, 15U J
L5803	1AV4L2GA150JG	INDUCTOR, 15U J
L5804	1AV4L2GA150JG	INDUCTOR, 15U J
L5805	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6051	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6052	1LB4L26B0740G	INDUCTOR, 220 OHM
L6060	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6064	1LB4L26B0740G	INDUCTOR, 220 OHM
L6071	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6072	1LB4L26B0740G	INDUCTOR, 220 OHM
L6095	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L6097	1AV4L2GAR47JG	INDUCTOR, 0.47U J
L6102	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6103	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6104	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6105	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6106	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6107	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6108	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6109	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6110	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6111	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6112	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6113	1LB4L26B0700G	INDUCTOR, 120 OHM
L6114	1LB4L26B0700G	INDUCTOR, 120 OHM
L6116	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L6118	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6119	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6120	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6121	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6122	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6123	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6124	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6125	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6126	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6127	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6128	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6129	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6201	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6270	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6271	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6310	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6311	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6312	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6354	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6355	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6401	1LB4L26B0740G	INDUCTOR, 220 OHM
L6402	1LB4L26B0740G	INDUCTOR, 220 OHM
L6403	1LB4L26B0740G	INDUCTOR, 220 OHM
L6410	1AV4L3CY201MG	IMPEDANCE, 200 OHM M
L6411	1AV4L3CY201MG	IMPEDANCE, 200 OHM M
L6412	1AV4L3CY201MG	IMPEDANCE, 200 OHM M
L6413	1AV4L3CY201MG	IMPEDANCE, 200 OHM M
L6414	1AV4L3CY201MG	IMPEDANCE, 200 OHM M
L6501	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6505	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6509	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6510	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6511	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6512	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6513	1LB4L26B0740G	INDUCTOR, 220 OHM
L6514	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W
L6515	1LB4L26B0740G	INDUCTOR, 220 OHM
L6516	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L6518	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7008	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7010	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7011	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7012	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7013	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7014	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7015	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7016	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7017	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7022	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7023	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7025	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7026	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7027	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7028	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7029	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L7030	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W

TRANSISTORS

Q1006	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
Q1007	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1251	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1252	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1261	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1262	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1609	T2SJ615-E---P	TR 2SJ615-TD-E
Q1610	TFSS163-E---P	TR FSS163-TL-E
Q1611	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
Q1612	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1613	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1615	T15C02CH----P	TR 15C02CH
Q1641	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1651	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1802	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q1803	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
Q5771	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q5772	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q5773	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q5802	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q5803	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q5804	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q5806	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
Q5807	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q5808	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q5901	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q5902	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q6333	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q6351	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q6352	T2SC2411K-Q-P	TR 2SC2411K-T146-Q

Schematic Location	Part No.	Description
Q6361	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q6362	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q6363	TMCH6306----P	TR MCH6306-TL
Q6501	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q802	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q805	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q808	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F

Schematic Location	Part No.	Description
Q809	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q810	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q811	TXXLBB005---P	TR MMBTSA1235F
	T2SA1037AK-RP	TR 2SA1037AK-T146-R
	T2SA1037AK-SP	TR 2SA1037AK-S-T146
	T2SA1235A1E-P	TR 2SA1235A1E
	T2SA1235A1F-P	TR 2SA1235A1F
	TISA1235AC1EP	TR ISA1235AC1E
	TISA1235AC1FP	TR ISA1235AC1F
Q813	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q814	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S
Q815	TXXLBB006---P	TR MMBTSC3928R
	T2SC2412K-R-P	TR 2SC2412K T146 R
	T2SC2412K-S-P	TR 2SC2412K T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB0
	T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description	
	RESISTORS		
R001	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R002	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R003	RGF3901JTCANL	MT-GLAZE	3.9K JA 1/10W
R004	RGF3901JTCANL	MT-GLAZE	3.9K JA 1/10W
R007	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R801	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R802	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R803	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R804	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R806	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R808	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R809	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R810	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R813	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R814	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R815	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R817	RGF1004JTCANL	MT-GLAZE	1M JA 1/10W
R818	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R820	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R824	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R826	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R828	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R829	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R830	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R831	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R832	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R833	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R834	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R835	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R836	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R838	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R841	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R842	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R843	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R845	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R846	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R848	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R849	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R852	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R853	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R854	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R855	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R856	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R857	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R860	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R866	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R867	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R869	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R870	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R871	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R873	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R875	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R876	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W

Schematic Location	Part No.	Description	
R879	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R880	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R881	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R882	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W
R883	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R884	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R886	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R887	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R888	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R889	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R891	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R892	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R893	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R894	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R896	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R900	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R901	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R902	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R903	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R904	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R905	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R906	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R907	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R908	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R909	1LB4L26B0700G	INDUCTOR,	120 OHM
R910	1LB4L26B0700G	INDUCTOR,	120 OHM
R911	1LB4L26B0700G	INDUCTOR,	120 OHM
R912	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R913	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R914	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R917	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R918	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1000	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1002	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1004	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W
R1005	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1007	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1008	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1009	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1010	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1011	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1012	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1013	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1014	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1019	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1021	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1025	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1031	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1037	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1043	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1049	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1051	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R1052	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R1053	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W

Schematic Location	Part No.	Description		
R1054	RGF4700JTCANL	MT-GLAZE	470 JA	1/10W
R1055	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1056	RGF1003JTCANL	MT-GLAZE	100K JA	1/10W
R1057	RGF1503JTCANL	MT-GLAZE	150K JA	1/10W
R1058	RGF2203JTCANL	MT-GLAZE	220K JA	1/10W
R1059	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1060	RGF3303JTCANL	MT-GLAZE	330K JA	1/10W
R1061	RGF1503JTCANL	MT-GLAZE	150K JA	1/10W
R1062	RGF2203JTCANL	MT-GLAZE	220K JA	1/10W
R1063	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1064	RGF3303JTCANL	MT-GLAZE	330K JA	1/10W
R1065	RGF1503JTCANL	MT-GLAZE	150K JA	1/10W
R1066	RGF2203JTCANL	MT-GLAZE	220K JA	1/10W
R1067	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1068	RGF3303JTCANL	MT-GLAZE	330K JA	1/10W
R1069	RGF1503JTCANL	MT-GLAZE	150K JA	1/10W
R1070	RGF2203JTCANL	MT-GLAZE	220K JA	1/10W
R1071	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1072	RGF3303JTCANL	MT-GLAZE	330K JA	1/10W
R1073	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R1074	RGF82R0JTCANL	MT-GLAZE	82 JA	1/10W
R1075	RGF82R0JTCANL	MT-GLAZE	82 JA	1/10W
R1254	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1255	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1256	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1257	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1262	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1263	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1266	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R1267	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1269	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1271	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R1601	1LB4L26B0700G	INDUCTOR,	120 OHM	
R1602	1LB4L26B0700G	INDUCTOR,	120 OHM	
R1603	1LB4L26B0700G	INDUCTOR,	120 OHM	
R1611	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1612	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1613	RGF2202JTCANL	MT-GLAZE	22K JA	1/10W
R1614	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R1615	RGF2202JTCANL	MT-GLAZE	22K JA	1/10W
R1616	RGF6802JTCANL	MT-GLAZE	68K JA	1/10W
R1617	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R1618	RGF6801JTCANL	MT-GLAZE	6.8K JA	1/10W
R1619	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1620	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1621	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1622	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1623	RN1R005JTFANL	MT-FILM	0.005 JA	1W
R1624	RN1R005JTFANL	MT-FILM	0.005 JA	1W
R1625	RGF1002FTCANL	MT-GLAZE	10K FA	1/10W
R1626	RGF8200FTCANL	MT-GLAZE	820 FA	1/10W
R1627	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1628	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1629	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W

Schematic Location	Part No.	Description		
R1630	RGF4701FTCANL	MT-GLAZE	4.7K FA	1/10W
R1631	RGF7500FTCANL	MT-GLAZE	750 FA	
R1632	RGF1201FTCANL	MT-GLAZE	1.2K FA	
R1633	RGF1002FTCANL	MT-GLAZE	10K FA	1/10W
R1634	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1635	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1636	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R1637	RG122R0JTEANL	MT-GLAZE	22 JA	1W
R1638	RG122R0JTEANL	MT-GLAZE	22 JA	1W
R1639	RG122R0JTEANL	MT-GLAZE	22 JA	1W
R1640	RG147R0JTEANL	MT-GLAZE	47 JA	1W
R1641	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1642	RG147R0JTEANL	MT-GLAZE	47 JA	1W
R1643	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R1644	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R1645	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R1646	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1653	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1654	RGF1003JTCANL	MT-GLAZE	100K JA	1/10W
R1655	RGF1002FTCANL	MT-GLAZE	10K FA	1/10W
R1660	RGF9101JTCANL	MT-GLAZE	9.1K JA	1/10W
R1665	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1666	RGF4702FTCANL	MT-GLAZE	47K FA	1/10W
R1671	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1672	RGF6801FTCANL	MT-GLAZE	6.8K FA	1/10W
R1673	RGF5602FTCANL	MT-GLAZE	56K FA	1/10W
R1674	RGF1002FTCANL	MT-GLAZE	10K FA	1/10W
R1675	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1687	RWXLB71R2KXAL	WIRE WOUND	1.2 KA	7W
R1691	RGF8201JTCANL	MT-GLAZE	8.2K JA	1/10W
R1692	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1694	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1695	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1809	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1820	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R1821	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1822	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1829	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R1830	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R1831	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V
R1901	RGF1801JTCANL	MT-GLAZE	1.8K JA	1/10W
R1902	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R1903	RGF3901JTCANL	MT-GLAZE	3.9K JA	1/10W
R1904	RGF5601JTCANL	MT-GLAZE	5.6K JA	1/10W
R1905	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1906	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R1907	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R1908	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R1909	RGF2200JTCANL	MT-GLAZE	220 JA	1/10W
R1910	RGF2200JTCANL	MT-GLAZE	220 JA	1/10W
R1911	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R3200	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R3201	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R3204	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W

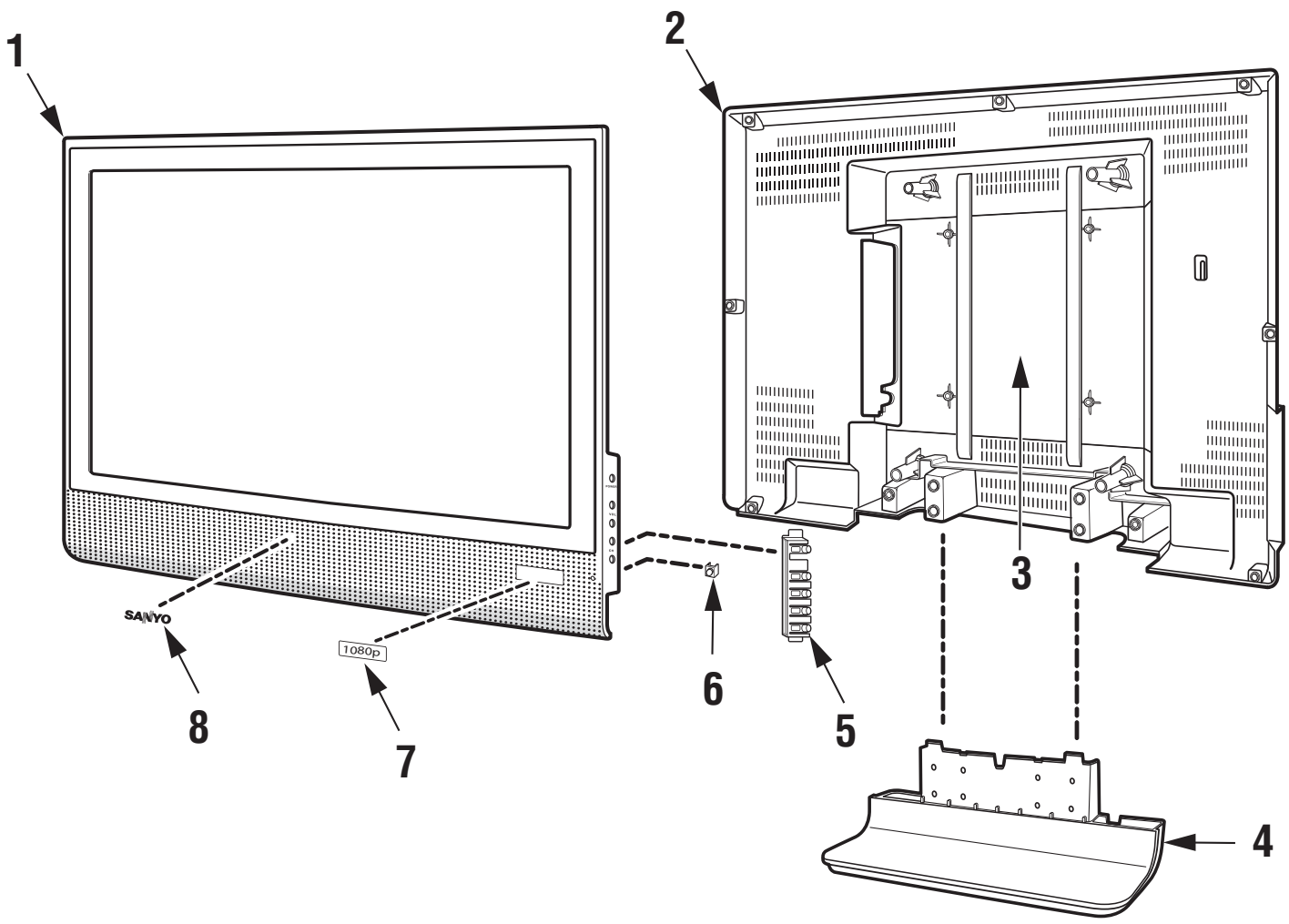
Schematic Location	Part No.	Description		
R3205	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5501	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5504	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5505	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R5506	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5507	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5508	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5509	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5510	RGF1004JTCANL	MT-GLAZE	1M JA	1/10W
R5511	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5512	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R5516	RGF3300JTCANL	MT-GLAZE	330 JA	1/10W
R5521	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R5523	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5524	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5526	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5529	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5535	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5536	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R5538	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5539	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5541	RGF3001FTCANL	MT-GLAZE	3K FA	1/10W
R5542	RGF10R0FTCANL	MT-GLAZE	10 FA	1/10W
R5543	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5544	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5545	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5546	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5547	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5548	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5549	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5552	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5553	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5554	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5555	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5556	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5557	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5558	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5566	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5567	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5568	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5569	RGF10R0JTCANL	MT-GLAZE	10 JA	1/10W
R5580	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5581	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5582	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5583	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5584	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5587	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5588	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5589	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5590	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5591	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5592	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5593	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5596	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5597	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5598	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5599	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5601	RGF1801JTCANL	MT-GLAZE	1.8K JA	1/10W
R5602	RGF1201JTCANL	MT-GLAZE	1.2K JA	1/10W
R5606	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5608	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5609	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5611	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5612	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5613	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5617	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5631	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5632	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5646	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5647	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5648	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5649	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5650	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5651	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5701	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5702	RGF1001FTCANL	MT-GLAZE	1K FA	1/10W
R5703	RGF56R0FTCANL	MT-GLAZE	56 FA	1/10W
R5704	RGF56R0FTCANL	MT-GLAZE	56 FA	1/10W
R5751	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5772	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5773	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5774	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5775	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5776	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5777	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5778	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5779	RGF1003JTCANL	MT-GLAZE	100K JA	1/10W
R5802	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5803	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5804	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5806	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5807	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5808	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5815	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5817	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5819	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5822	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5823	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5824	RGF6800JTCANL	MT-GLAZE	680 JA	1/10W
R5826	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5827	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5828	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5833	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5834	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5835	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5836	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5837	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R5838	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W

Schematic Location	Part No.	Description		
R5839	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5840	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R5843	RGF1000JTCANL	MT-GLAZE	100 JA	1/10W
R5846	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5847	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5848	RGF75R0JTCANL	MT-GLAZE	75 JA	1/10W
R5901	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5902	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5903	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R5904	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R5905	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R5906	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R5907	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5908	RGF2202JTCANL	MT-GLAZE	22K JA	1/10W
R5952	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R5971	RGF4R70JTCANL	MT-GLAZE	4.7 JA	1/10W
R5972	RGF4R70JTCANL	MT-GLAZE	4.7 JA	1/10W
R5973	RGF1502JTCANL	MT-GLAZE	15K JA	1/10W
R5974	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5975	RGF1001JTCANL	MT-GLAZE	1K JA	1/10W
R5976	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R5977	RGF1502JTCANL	MT-GLAZE	15K JA	1/10W
R5978	RGF1502JTCANL	MT-GLAZE	15K JA	1/10W
R5979	RGF1502JTCANL	MT-GLAZE	15K JA	1/10W
R5982	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6051	RGF5600FTCANL	MT-GLAZE	560 FA	1/10W
R6052	RGF1501FTCANL	MT-GLAZE	1.5K FA	1/10W
R6053	RGF1201FTCANL	MT-GLAZE	1.2K FA	
R6054	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6060	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6071	RGF1201FTCANL	MT-GLAZE	1.2K FA	
R6072	RGF1200FTCANL	MT-GLAZE	120 FA	1/10W
R6073	RGF1201FTCANL	MT-GLAZE	1.2K FA	
R6074	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6100	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6101	RGF3900JTCANL	MT-GLAZE	390 JA	1/10W
R6103	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6104	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6108	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6110	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6112	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6125	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6126	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6201	RGF2201FTCANL	MT-GLAZE	2.2K FA	1/10W
R6202	RGF3302FTCANL	MT-GLAZE	33K FA	1/10W
R6203	RGF2201FTCANL	MT-GLAZE	2.2K FA	1/10W
R6204	RGF3302FTCANL	MT-GLAZE	33K FA	1/10W
R6205	RGF6802FTCANL	MT-GLAZE	68K FA	1/10W
R6206	RGF6802FTCANL	MT-GLAZE	68K FA	1/10W
R6210	RGF2201FTCANL	MT-GLAZE	2.2K FA	1/10W
R6211	RGF3302FTCANL	MT-GLAZE	33K FA	1/10W
R6212	RGF2201FTCANL	MT-GLAZE	2.2K FA	1/10W
R6213	RGF3302FTCANL	MT-GLAZE	33K FA	1/10W
R6214	RGF6802FTCANL	MT-GLAZE	68K FA	1/10W
R6215	RGF6802FTCANL	MT-GLAZE	68K FA	1/10W
R6217	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6218	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6221	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6228	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6231	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R6232	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R6233	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R6234	RGF22R0JTCANL	MT-GLAZE	22 JA	1/10W
R6273	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6274	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6276	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6277	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6278	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6279	RGF3301JTCANL	MT-GLAZE	3.3K JA	1/10W
R6280	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6281	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6325	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6326	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6336	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6338	RGF4700JTCANL	MT-GLAZE	470 JA	1/10W
R6339	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6350	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6352	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6353	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6354	RGF1801JTCANL	MT-GLAZE	1.8K JA	1/10W
R6361	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6364	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6365	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6368	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6369	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6370	RGF1504JTCANL	MT-GLAZE	1.5M JA	1/10W
R6379	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6381	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6383	RGF2201JTCANL	MT-GLAZE	2.2K JA	1/10W
R6385	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6389	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6391	RG11500JTEANL	MT-GLAZE	150 JA	1W
R6392	RG11500JTEANL	MT-GLAZE	150 JA	1W
R6393	RG11500JTEANL	MT-GLAZE	150 JA	1W
R6401	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6403	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6405	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6407	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6409	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6410	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6413	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6431	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6501	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6503	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6512	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6525	RGF1501FTCANL	MT-GLAZE	1.5K FA	1/10W
R6526	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6527	RGF1501FTCANL	MT-GLAZE	1.5K FA	1/10W

Schematic Location	Part No.	Description		
R6528	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6529	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6530	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6531	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6532	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6533	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6534	RGF4702JTCANL	MT-GLAZE	47K JA	1/10W
R6535	RGF1002JTCANL	MT-GLAZE	10K JA	1/10W
R6536	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6537	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6538	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6539	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6540	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6541	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6542	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6543	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6544	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6545	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6546	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6547	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6548	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6549	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6550	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6551	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6552	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6553	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6554	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6555	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6556	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6557	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6558	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6559	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6560	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6561	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6562	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6563	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W
R6564	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6565	RGF47R0JTCANL	MT-GLAZE	47 JA	1/10W
R6566	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6567	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6572	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
R6573	RGF4701JTCANL	MT-GLAZE	4.7K JA	1/10W
RB5501	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB5502	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB5503	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB5505	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB5506	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB5507	1AV4R1D32204G	R-NETWORK	22X4	1/32W
RB6401	1AV4R1D30R04G	R-NETWORK	0X4	1/32W

Schematic Location	Part No.	Description
	SWITCHES	
SW1901	1AV4S10B0722J	SWITCH, PUSH
SW1902	1AV4S10B0722J	SWITCH, PUSH
SW1903	1AV4S10B0722J	SWITCH, PUSH
SW1904	1AV4S10B0722J	SWITCH, PUSH
SW1905	1AV4S10B0722J	SWITCH, PUSH
	CRYSTAL / FILTERS	
X801	1AV4V11B1771G	OSC, CERAMIC 8.00MHZ
X5500	1AV4V10B8920G	OSC, CRYSTAL 54.100MHZ
	MISCELLANEOUS	
A1901	1AV4U20B98500	UNIT, REMOCON RECEIVER
⚠A6100	1AV4F1BAZ0070	TUNER, U/V
⚠EL901	1AV4T40B97900	LCD (T460HW02 V1)
K1003	1LB4J31B01101	TERMINAL, BOARD
K1004	1LB4J12B11700	JACK, RCA-9
K1005	1LB4J12B11600	JACK, RCA-6
K6501	1AV4J11B8591G	SOCKET, IF (HDMI) 19P
K6502	1AV4J11B8591G	SOCKET, IF (HDMI) 19P
K6503	1AV4J11B8591G	SOCKET, IF (HDMI) 19P
KUSB2	1AV4J12B4720N	JACK,PHONE D3.5
PB001	1AA4B10N21300	PWB, MAIN_A N4PH
PB002	1AA4B10N21600	PWB, CONTROL, N6EE X18
SP901	1LB4A10B08800	SPEAKER, 8 6X12-47-5W-8
SP902	1LB4A10B08800	SPEAKER, 8 6X12-47-5W-8
⚠W901	1AV4W10B19803	CORD, POWER-2.0MK-VTR-02
⚠WK5LV-PN	1AA4W30B53000	CORD 42INCH, 40P-51P(LVDS)
	POWER BOARD	
⚠U901	1AV4U20C32500	UNIT, POWER
	Non-servicable part. No discreet parts are supplied for this PC board.	

CABINET PARTS LIST



CABINET PARTS LIST

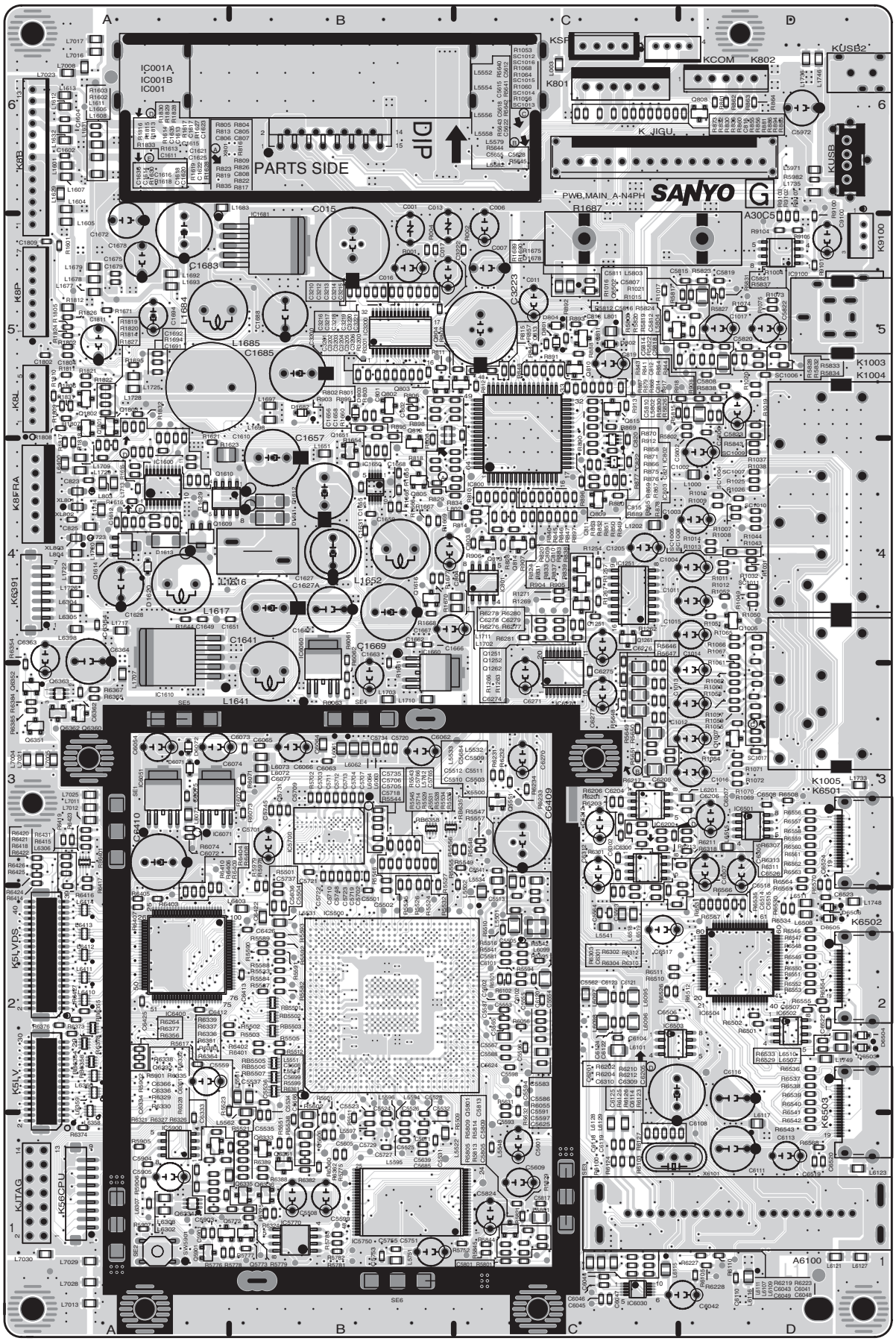
KEY NO.	PARTS NO.	DESCRIPTION
1	1AA2CAM0647--	46 CABINET FRONT
2	1AA2CBM0461--	46 CABINET BACK
3	1AA2LDM0007--	LID BACK
4	1AA2SDM0200--	46 STAND BASE
5	1AA2BUM0571--	BUTTON UNITED
6	1AA2DEM0468--	DEC IND
7	1AA2DES0951--	DEC SHEET 1080P
8	1AV2BAAS015AB	BADGE, SANYO

ACCESSORY PARTS LIST

KEY NO.	PARTS NO.	DESCRIPTION
	1J6P1P0303--	OWNERS MANUAL
	1AV0U10B43105	ASSY, REMOCON
	1JC4D2BT0001-	BATTERY ENELOOP AAA

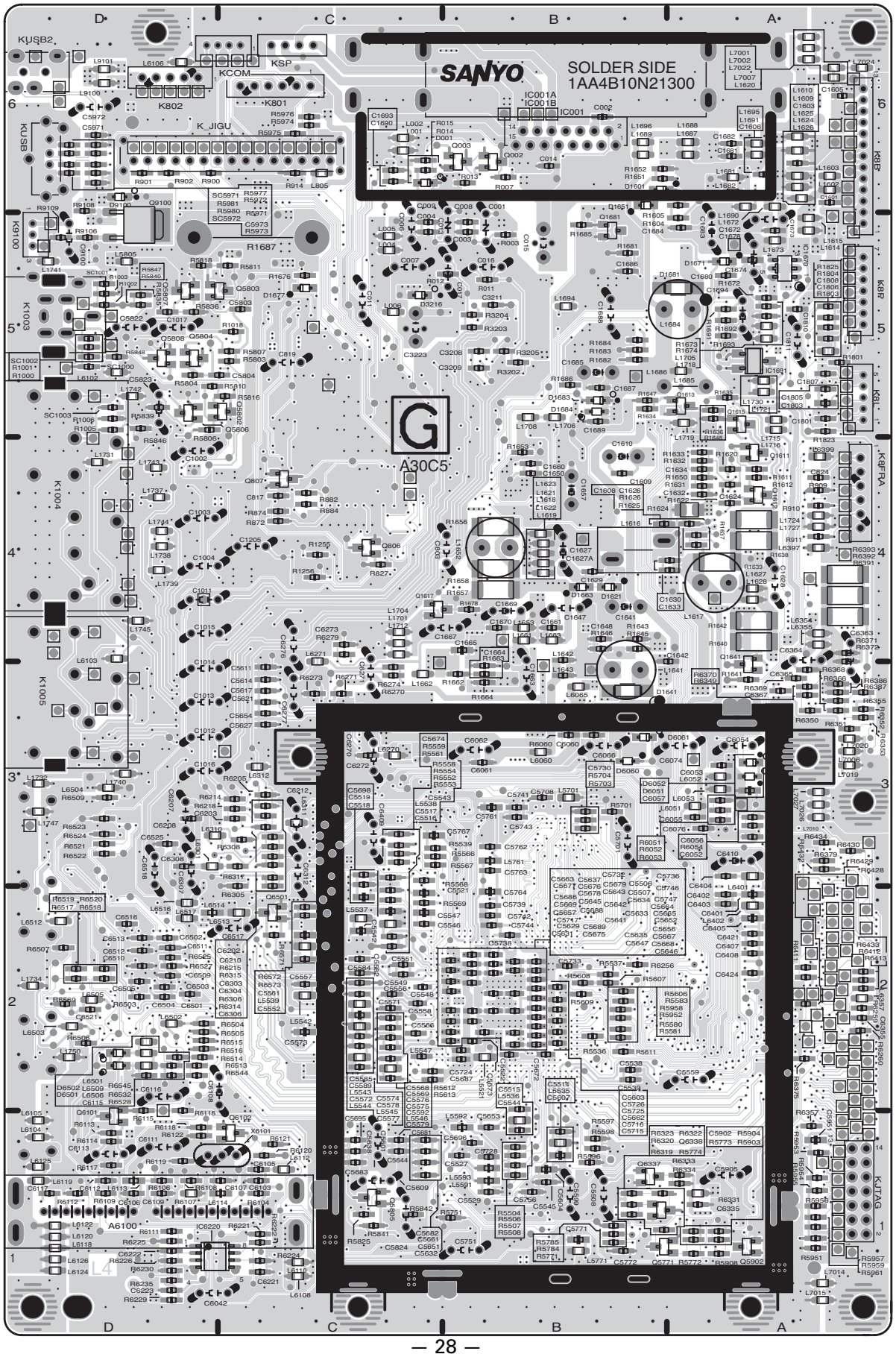
COMPONENT AND TESTPOINT LOCATIONS

MAIN BOARD PARTS SIDE

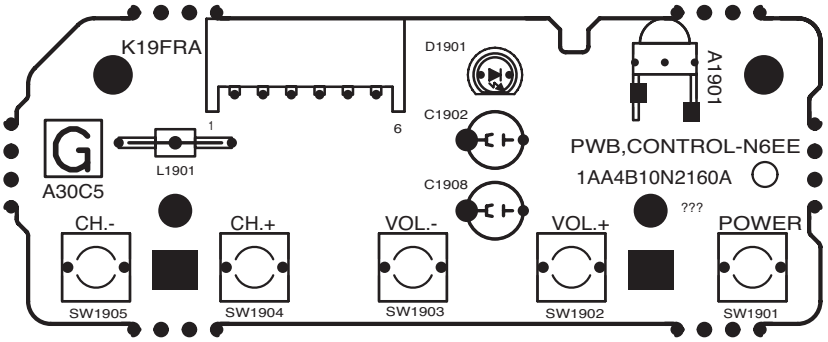


COMPONENT AND TESTPOINT LOCATIONS (CONT.)

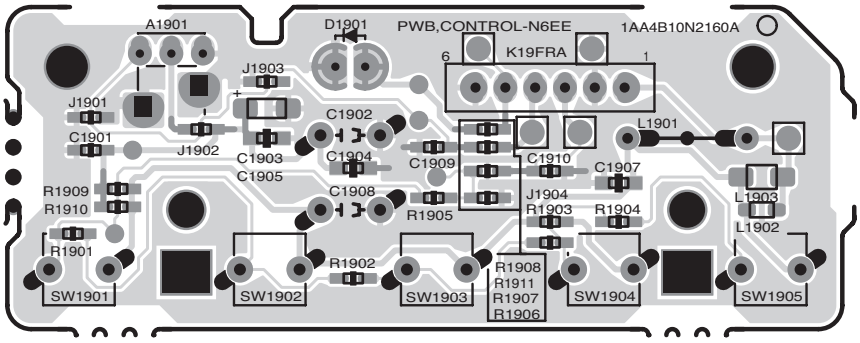
MAIN BOARD FOIL SIDE



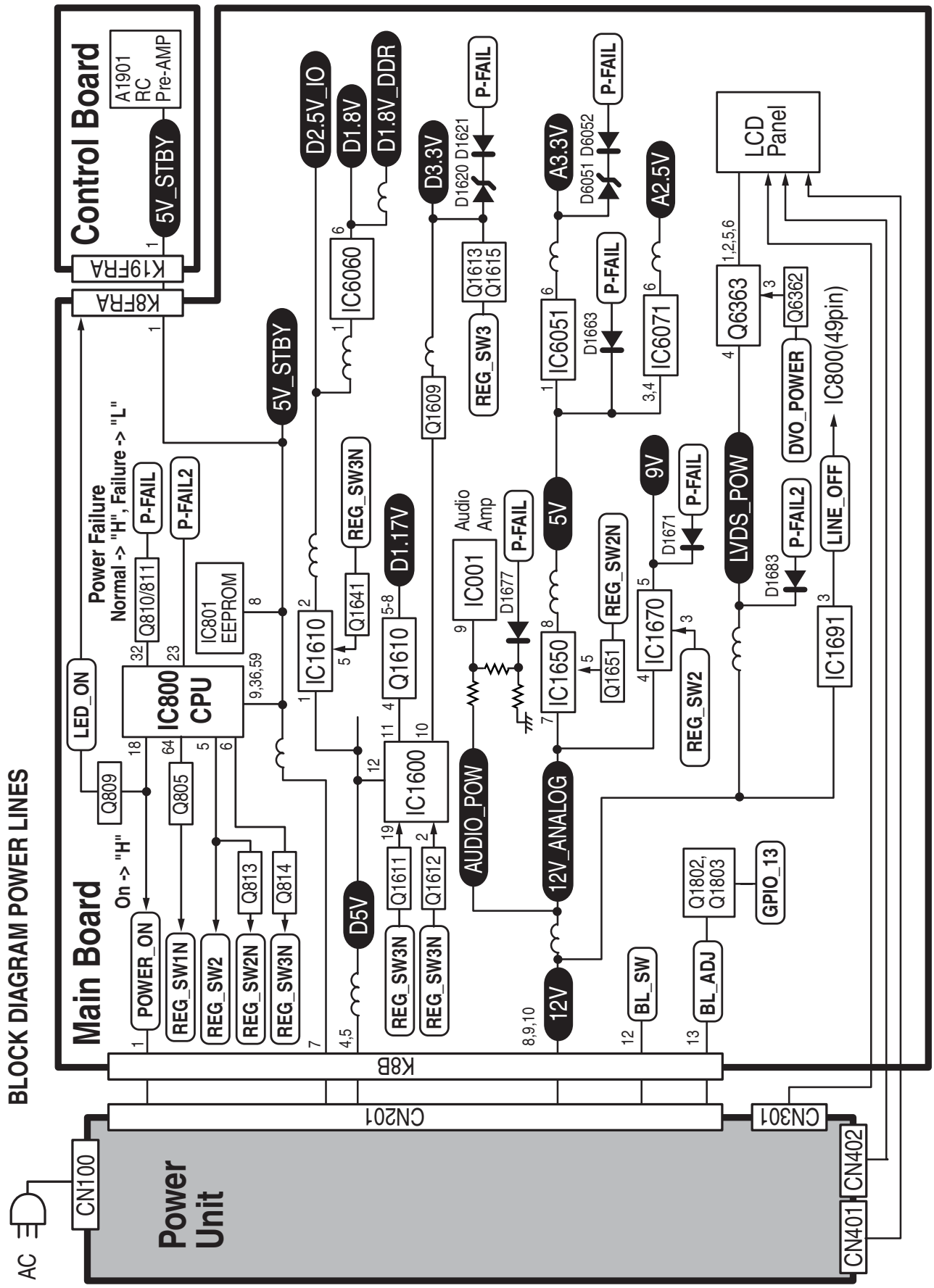
CONTROL BOARD PART SIDE



CONTROL BOARD SOLDER SIDE

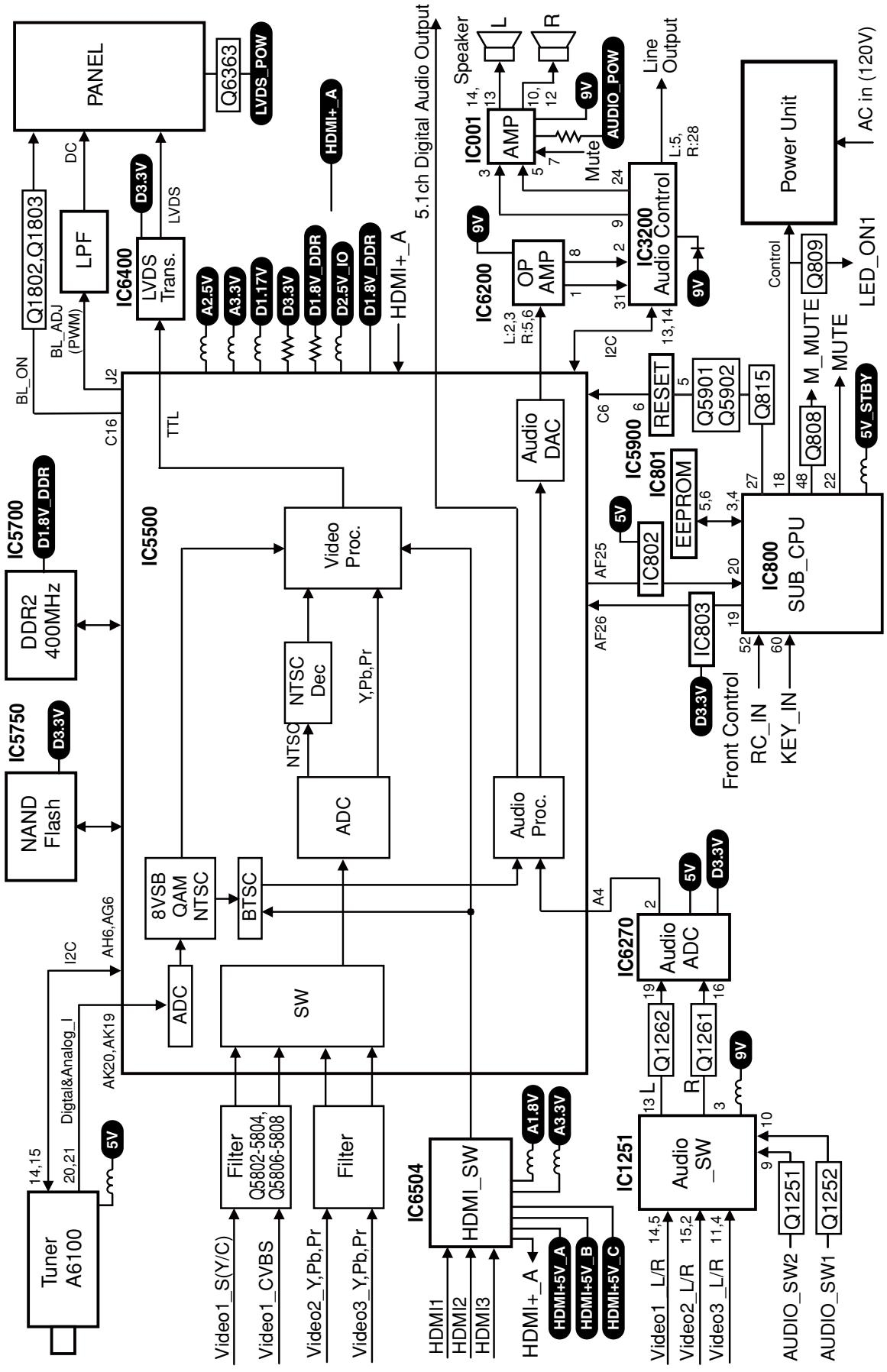


BLOCK DIAGRAM POWER LINES



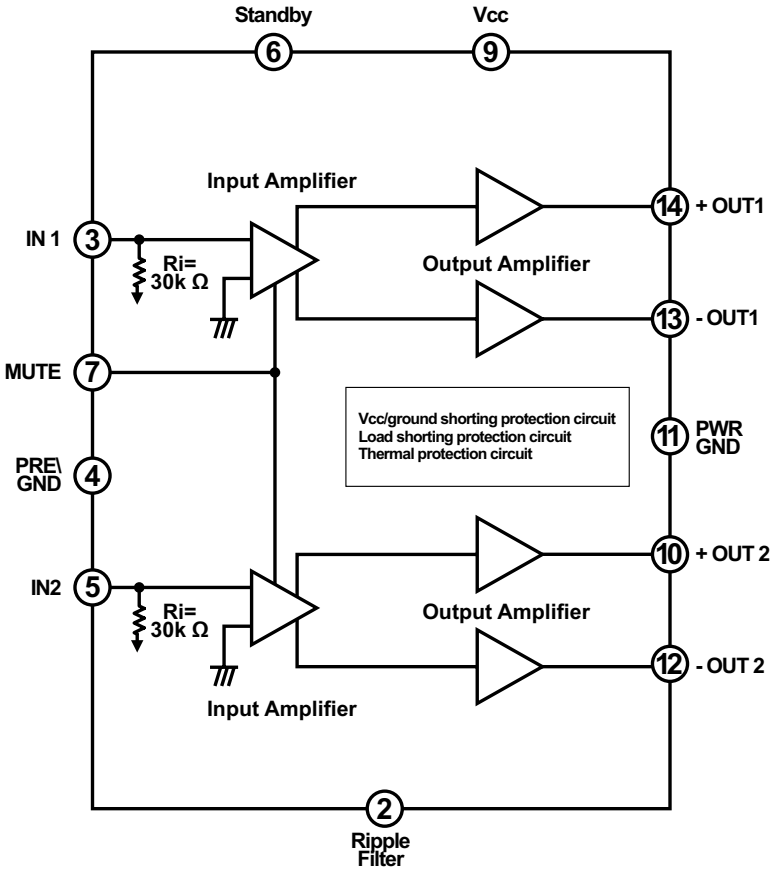
BLOCK DIAGRAM SIGNAL LINES

BLOCK DIAGRAM SIGNAL LINES

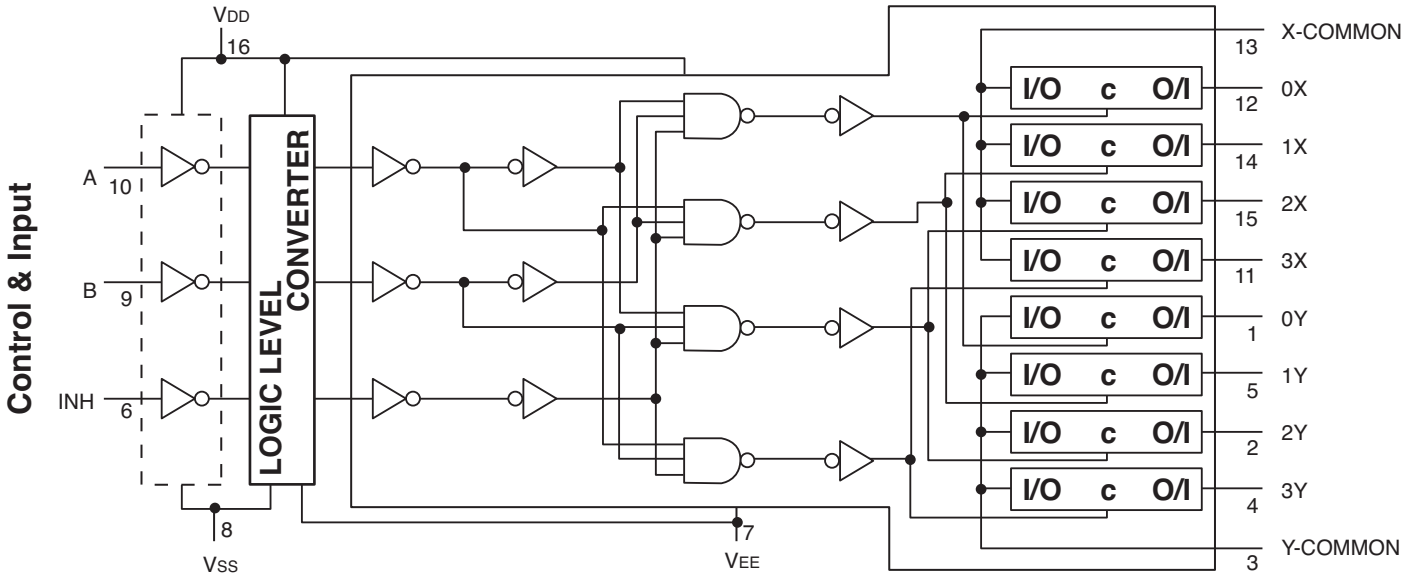


IC BLOCK DIAGRAMS

IC001, Audio AMP

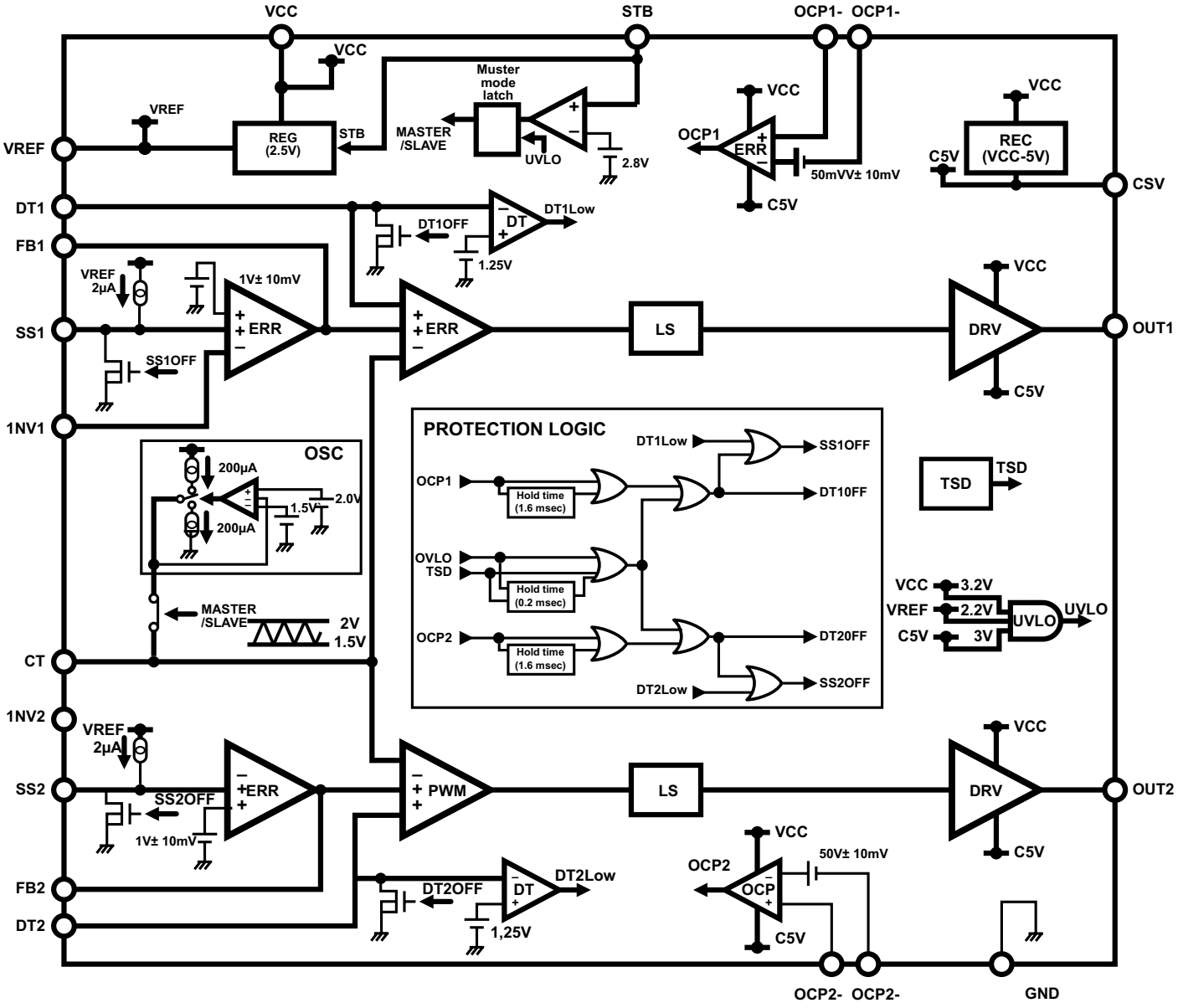


IC1251 Video and Audio Select

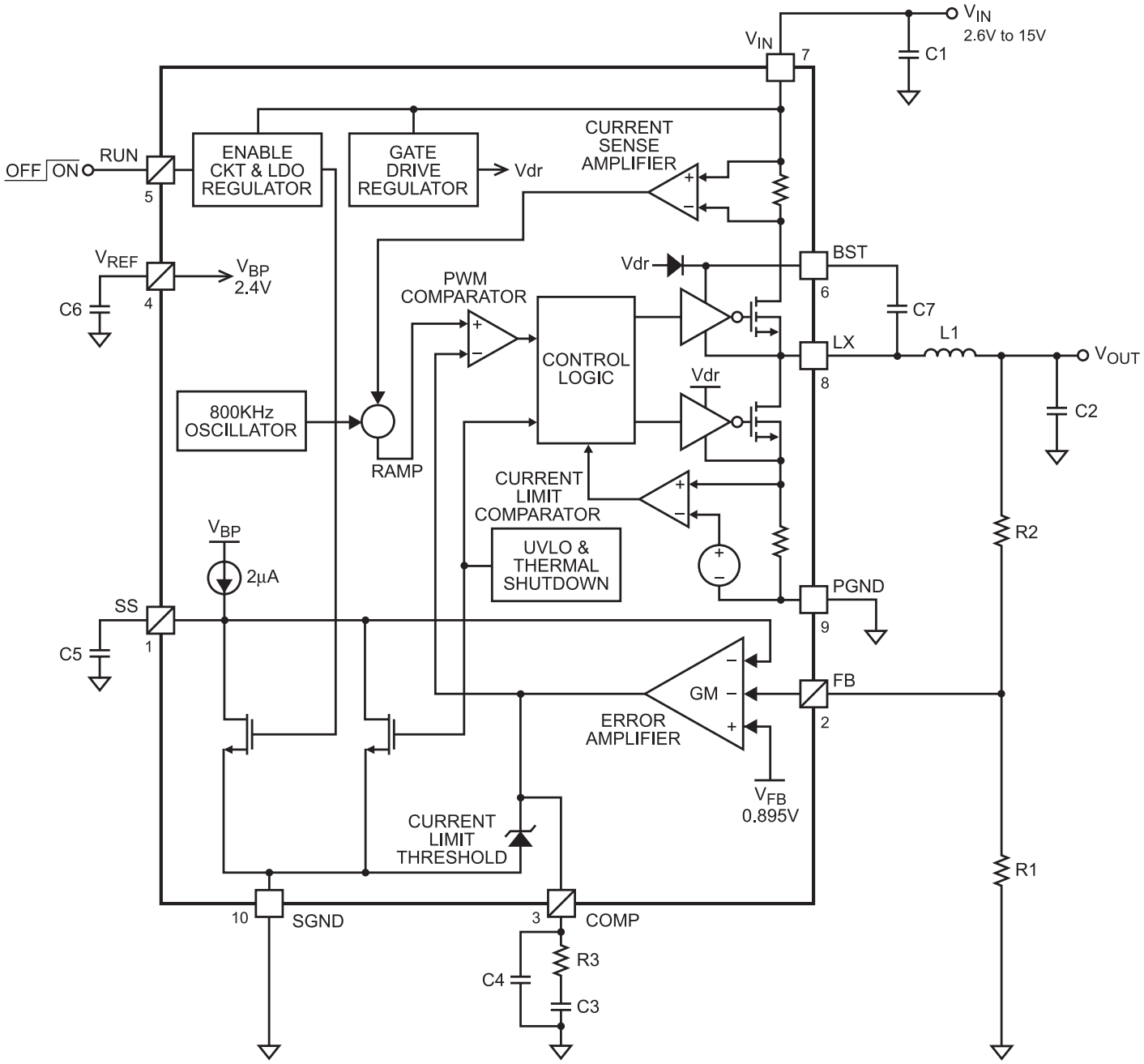


IC BLOCK DIAGRAMS (CONT.)

IC1600, DC to DC Converter

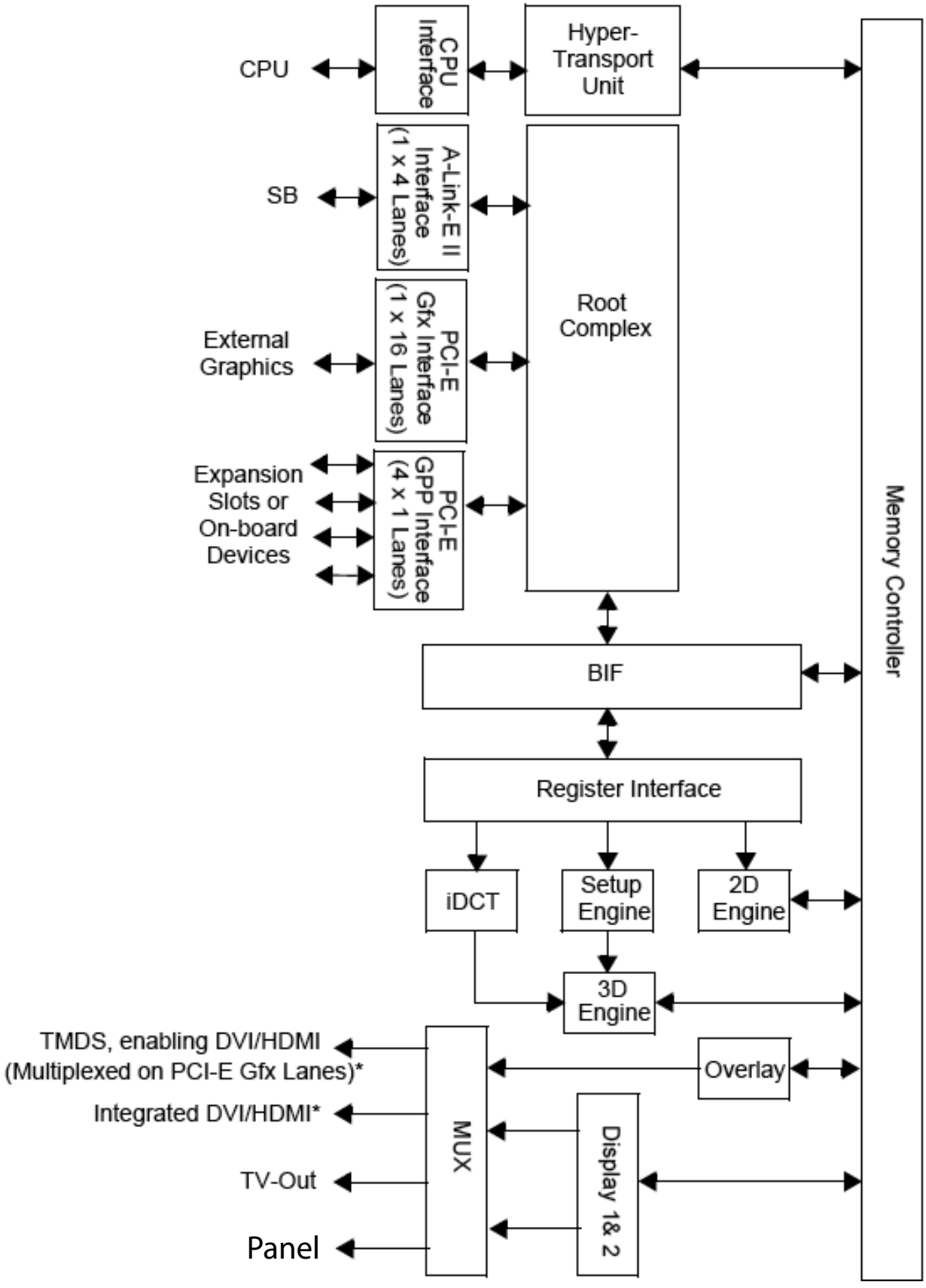


IC1650, DC to DC Converter

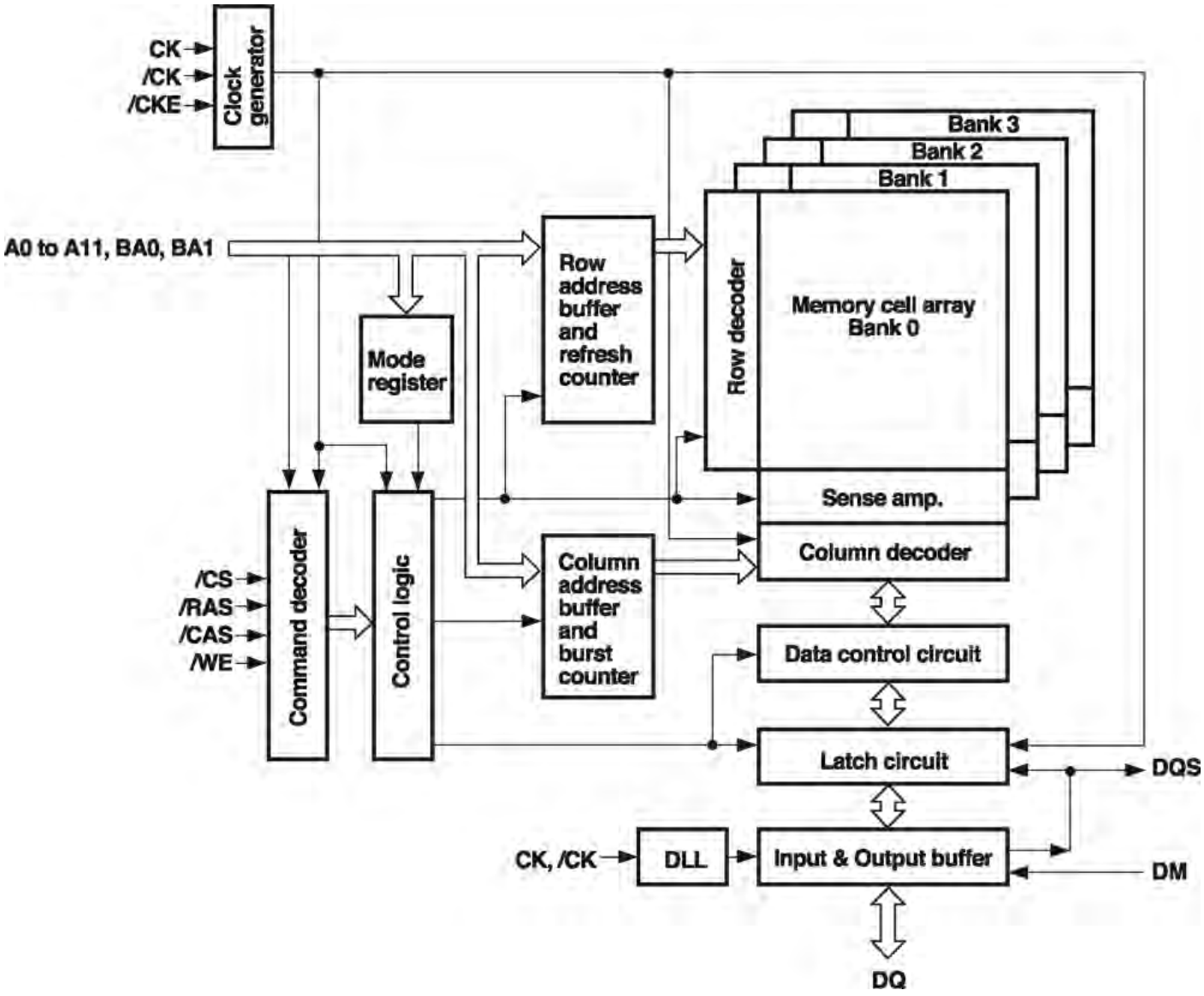


IC BLOCK DIAGRAMS (CONT.)

IC5500 Screen Controller and video processor

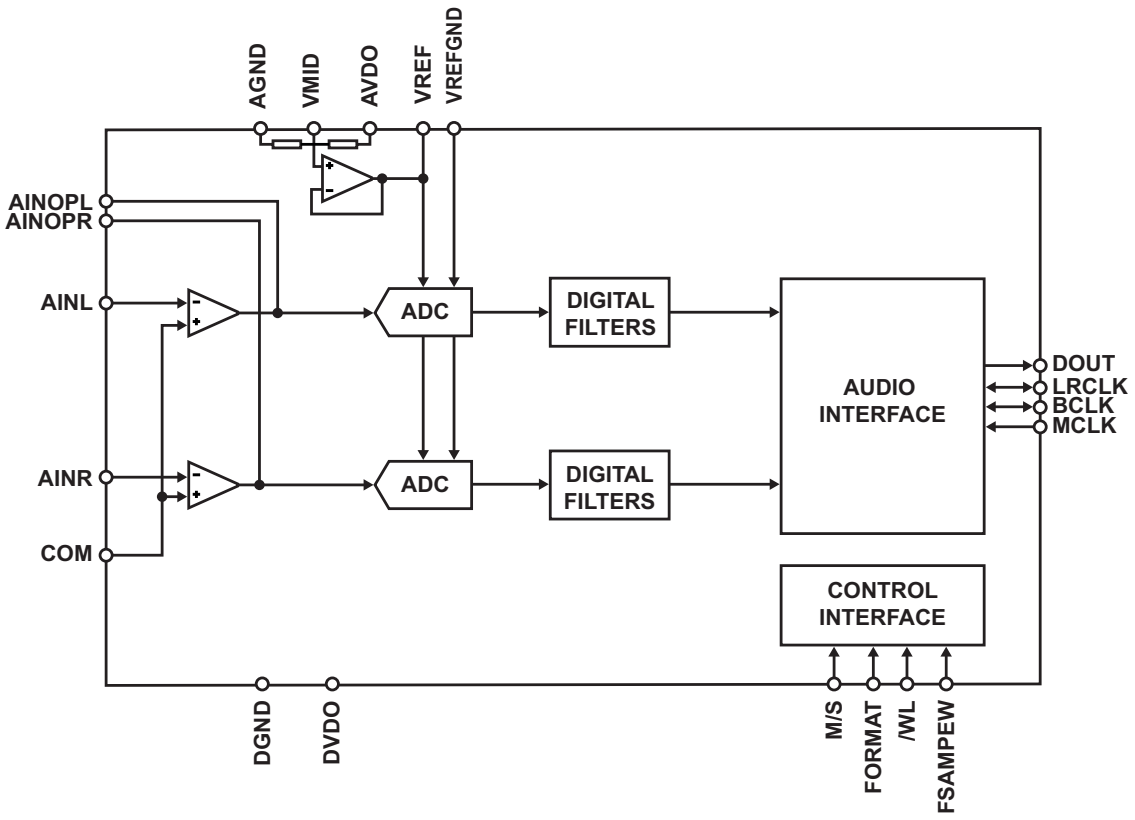


IC5700, DDR: Double Data Rate SDRAM

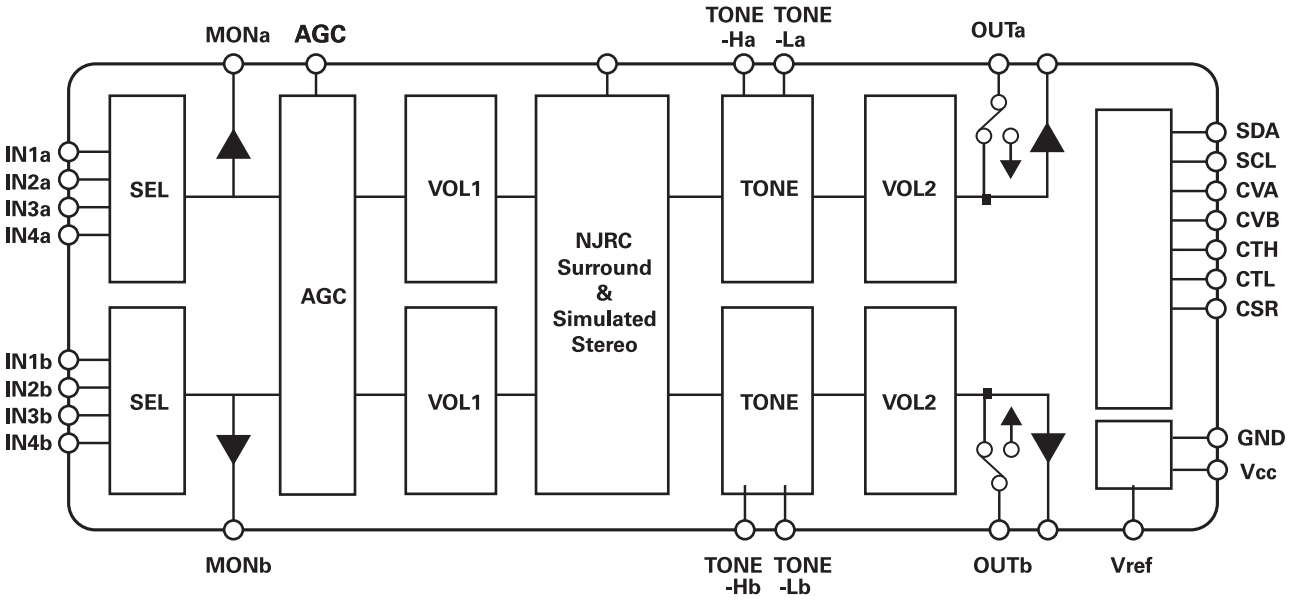


IC BLOCK DIAGRAMS (CONT.)

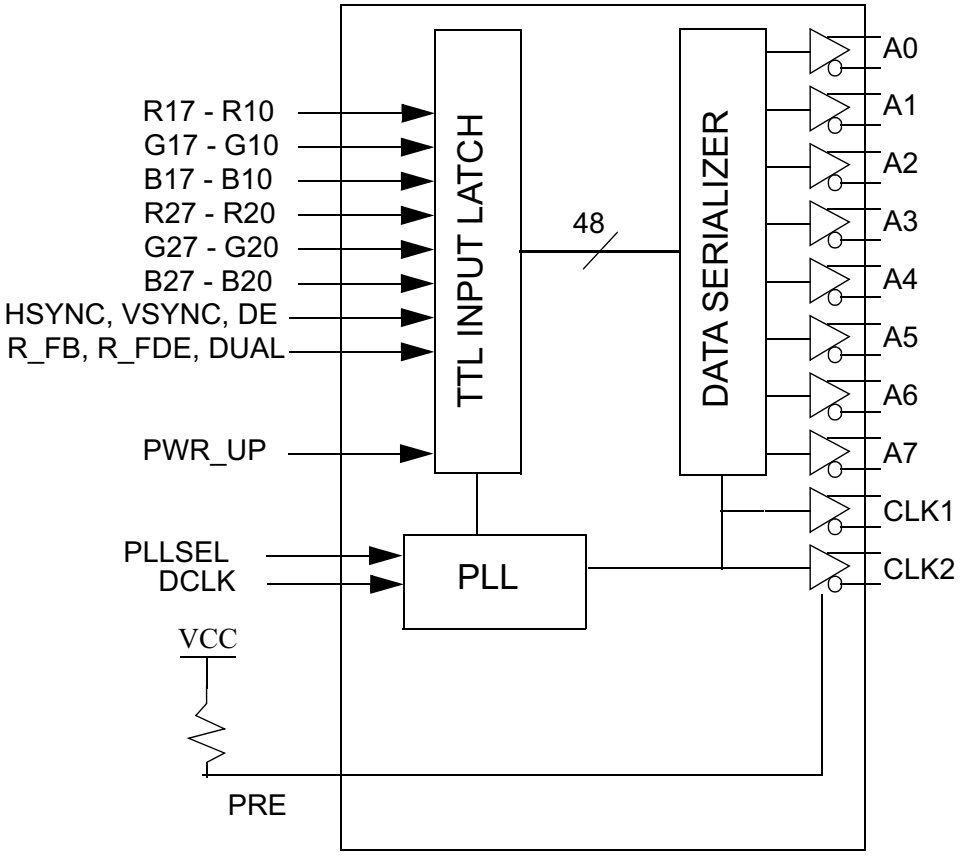
IC6270, Audio A/D



IC3200, Audio Controller

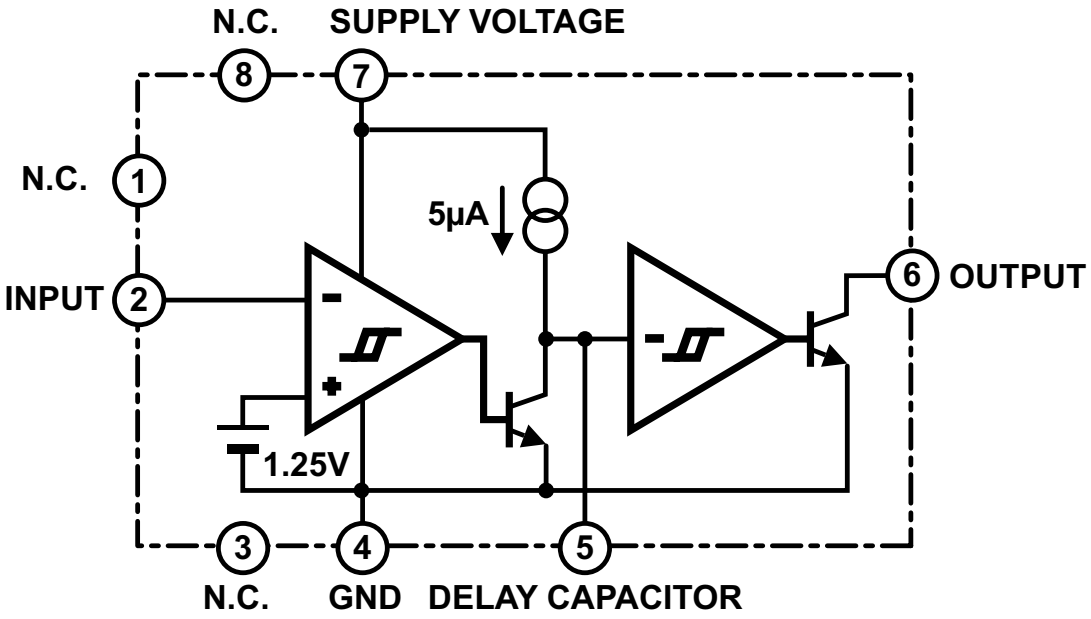


IC6400, LVDS Transmitter



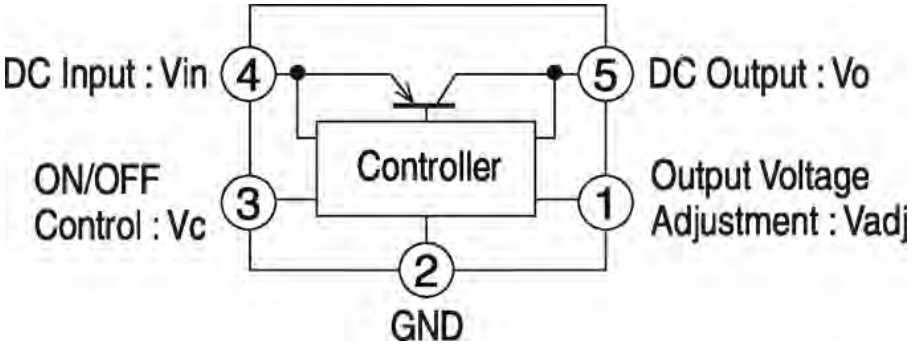
IC5900, Voltage detecting delay circuit

BLOCK DIAGRAM

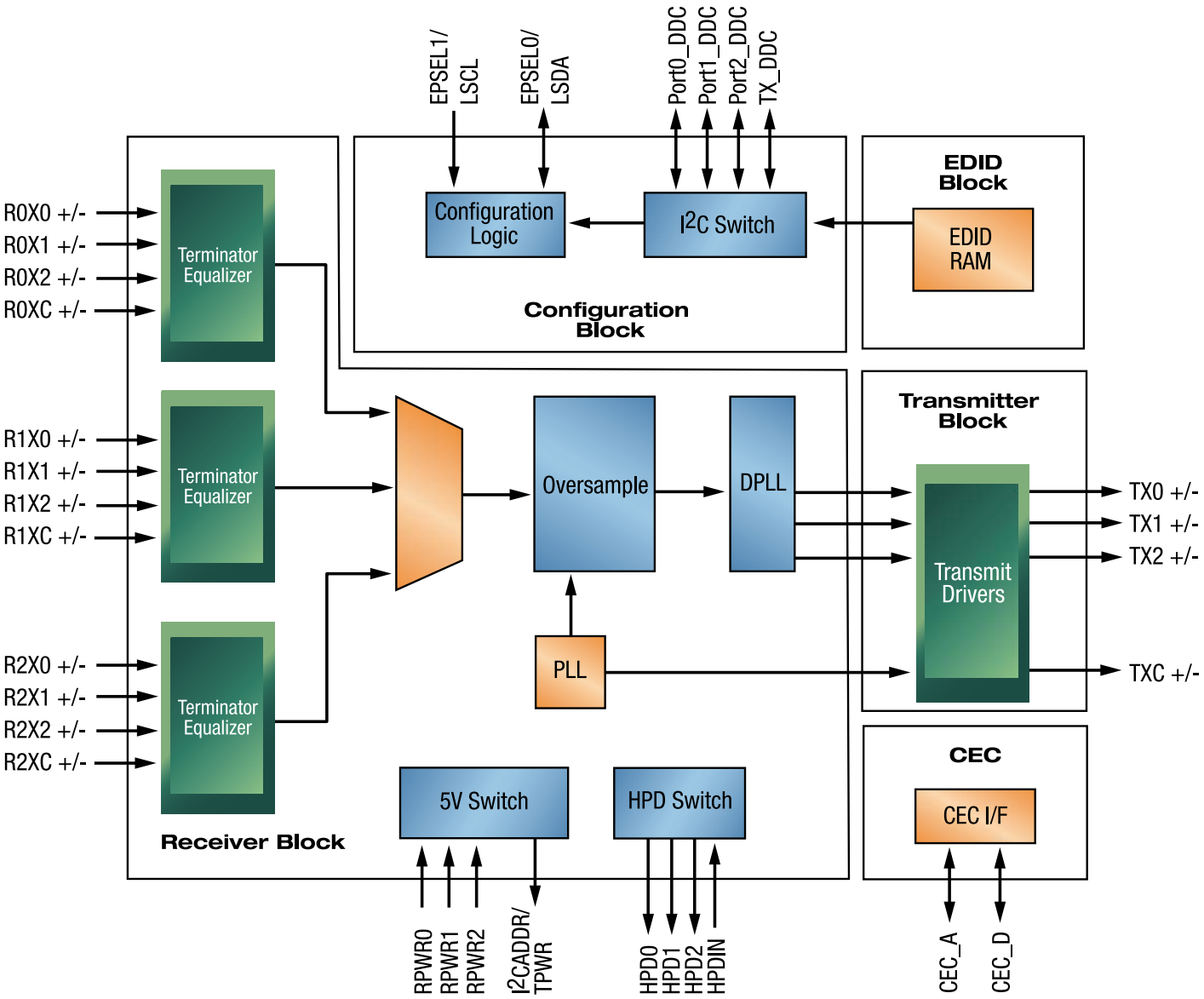


IC BLOCK DIAGRAMS (CONT.)

IC1670, DC to DC Converter

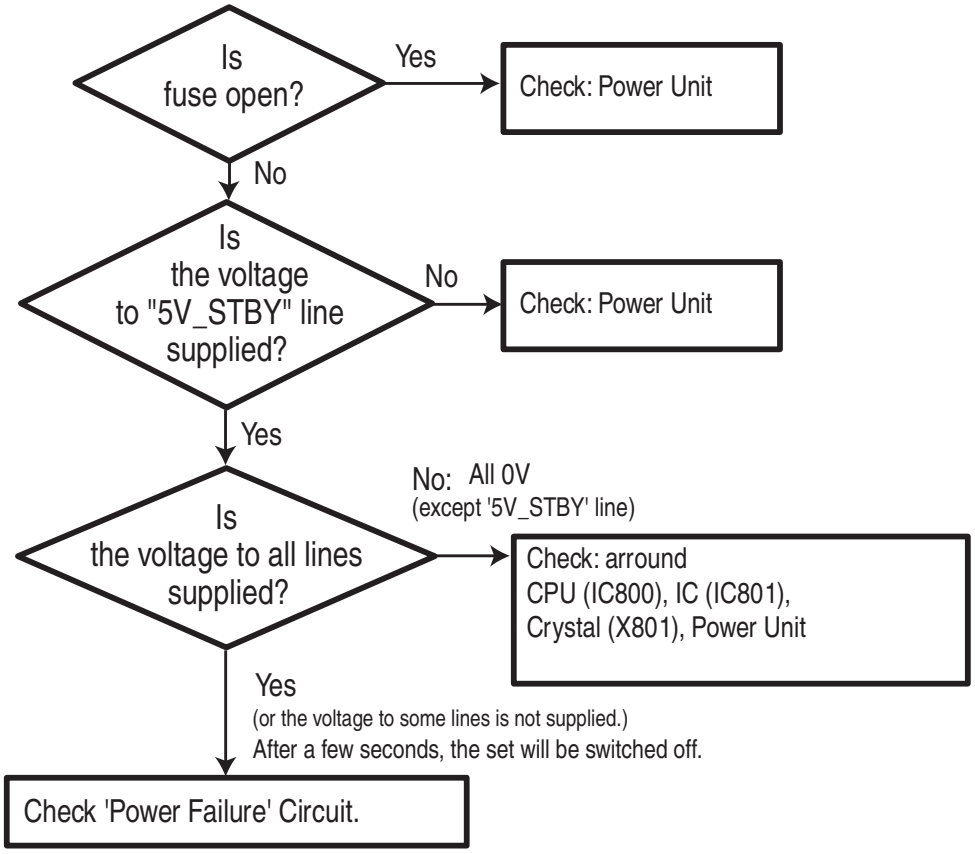


IC6504, HDMI Switch selector



TROUBLESHOOTING FLOW CHARTS

NO POWER



Power Failure Line

CPU (IC800) 32pin

Q810, Q811

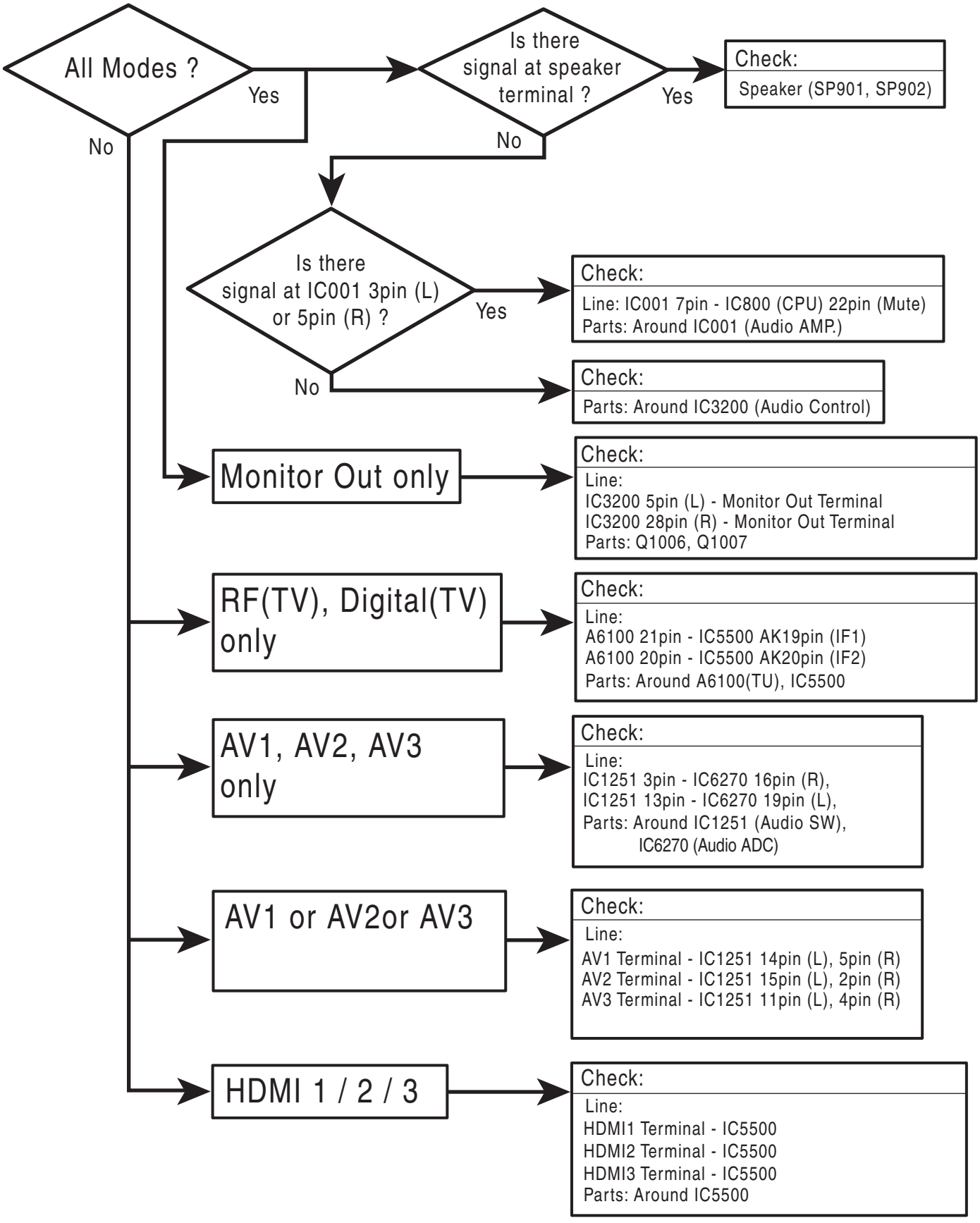
Diode	Detected Voltage
D1671	9V
D6051/D6052	A3.3V
D1620/D1621	D3.3V
D1663	5V
D1677	AUDIO_POW

CPU (IC800) 23pin

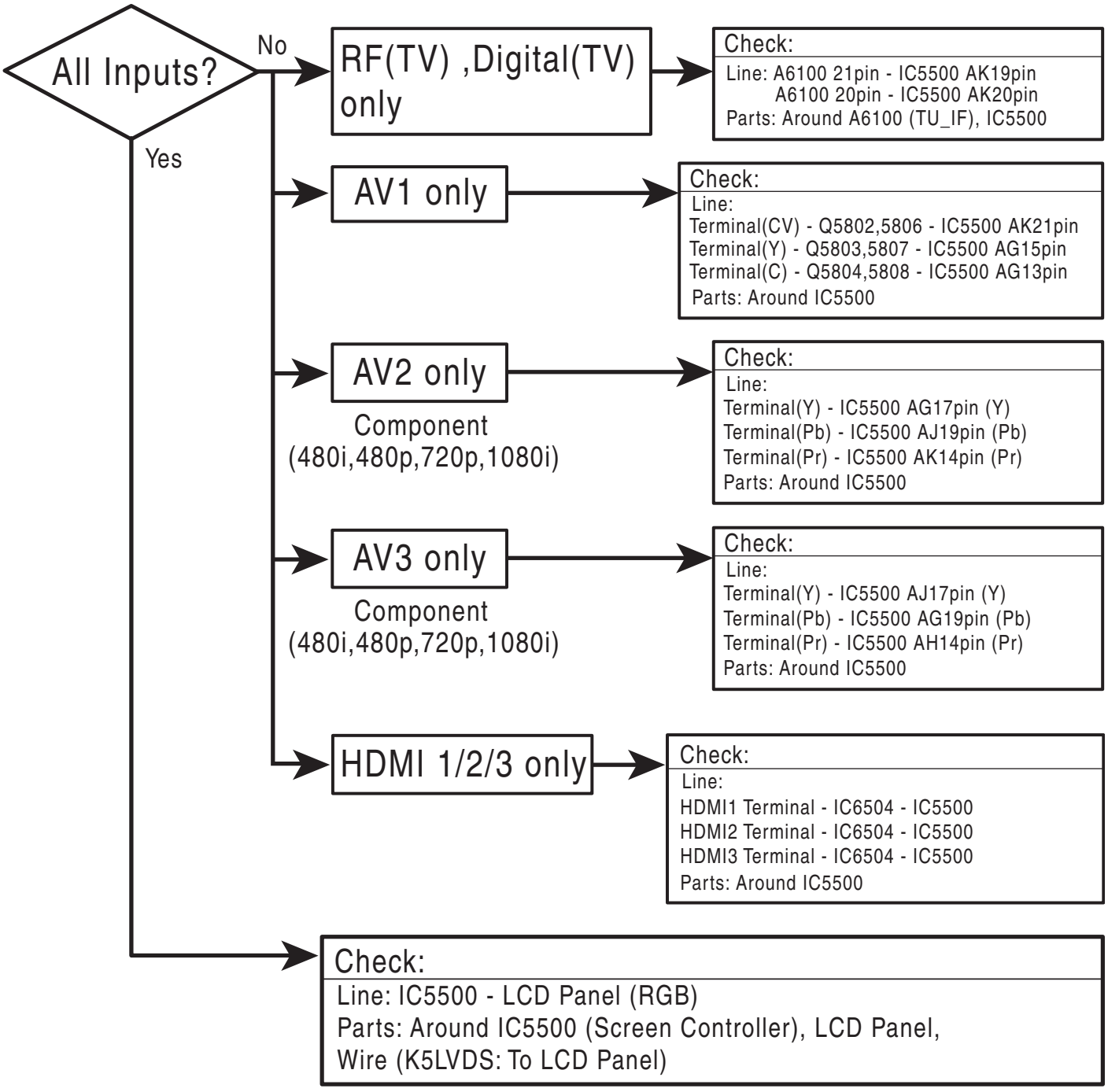
Diode	Detected Voltage
D1683	LVDS_POW

TROUBLESHOOTING FLOW CHARTS (CONT.)

NO AUDIO



NO VIDEO


All Inputs?
No
Yes
RF(TV) ,Digital(TV) only
Check:
Line: A6100 21pin - IC5500 AK19pin
A6100 20pin - IC5500 AK20pin
Parts: Around A6100 (TU_IF), IC5500
AV1 only
Check:
Line:
Terminal(CV) - Q5802,5806 - IC5500 AK21pin
Terminal(Y) - Q5803,5807 - IC5500 AG15pin
Terminal(C) - Q5804,5808 - IC5500 AG13pin
Parts: Around IC5500
AV2 only
Component
(480i,480p,720p,1080i)
Check:
Line:
Terminal(Y) - IC5500 AG17pin (Y)
Terminal(Pb) - IC5500 AJ19pin (Pb)
Terminal(Pr) - IC5500 AK14pin (Pr)
Parts: Around IC5500
AV3 only
Component
(480i,480p,720p,1080i)
Check:
Line:
Terminal(Y) - IC5500 AJ17pin (Y)
Terminal(Pb) - IC5500 AG19pin (Pb)
Terminal(Pr) - IC5500 AH14pin (Pr)
Parts: Around IC5500
HDMI 1/2/3 only
Check:
Line:
HDMI1 Terminal - IC6504 - IC5500
HDMI2 Terminal - IC6504 - IC5500
HDMI3 Terminal - IC6504 - IC5500
Parts: Around IC5500
Check:
Line: IC5500 - LCD Panel (RGB)
Parts: Around IC5500 (Screen Controller), LCD Panel,
Wire (K5LVDS: To LCD Panel)

CONTROL PORT FUNCTIONS

System Control (CPU : IC800)

Pin	Name	Function	I/O	Description
1	P12/SCK0	Reserve	OUT	(OPEN)
2	P13/SO1	Reserve	OUT	(OPEN)
3	P14/SI1/SB1	IIC-BUS for NV	I/O	DATA Active 'L' for IIC data NV
4	P15/SCK1	IIC-BUS for NV	OUT	CLOCK Active 'L' for IIC clock NV
5	P16/T1PWML	REG SW2	OUT	REG SW2 (ON:High OFF:Low)
6	P17/T1PWMH/BUZ	REG SW3	OUT	REG SW3 (ON:High OFF:Low)
7	PWM2	Reserve	OUT	(OPEN)
8	PWM3	(Vcc)	IN	(Reserve)
9	VDD2	Power IN	IN	5V(5Vdc±10%)
10	VSS2	Vss	IN	GND(0Vdc)
11	P00	Category2	IN	Hard option
12	P01	Category1	IN	Hard option
13	P02	Category0	IN	Hard option
14	P03	Panel Size2	IN	Hard option
15	P04	Panel Size1	IN(OUT)	Hard option
16	P05/CKO	Panel Size0	IN(OUT)	Hard option
17	P06/T6O	LED CNTRL	OUT	LED control Power on:High, Standby:Low
18	P07/T7O	TV Relay out	OUT	POWER Relay SW ON:High OFF:Low
19	P20/UTX/INT4/T1IN	UART OUT	OUT	Digital Module microcomputer piece confidence
20	P21/URX/INT4/T1IN	UART IN	IN	Digital Module microcomputer piece confidence
21	P22/INT4/T1IN	PC Standby LED	OUT	(OPEN)
22	P23/INT4/T1IN	Audio MUTE	OUT	MUTE ON:High OFF:Low
23	P24/INT5/T1IN	Power Fail-2 IN	IN	LVDS Power Fail
24	P25/INT5/T1IN	Reserve	OUT	(OPEN)
25	P26/INT5/T1IN	Reserve	IN	(GND)
26	P27/INT5/T1IN	Reserve	OUT	(OPEN)
27	PB7	RESET_TV	OUT	Low(Reserve)
28	PB6	VS_DET	IN	(GND)
29	PB5	GonS_DET	IN	(GND)
30	PB4	Reserve	OUT	(OPEN)
31	PB3	Reserve	OUT	(OPEN)
32	PB2	Power Fail-1 IN	IN	TV Power Error (L)/Others (H)
33	PB1	Reserve	OUT	(OPEN)
34	PB0	Solution	IN	Solution Option (High:US1H Low:US1F)
35	VSS3	Vss	IN	GND(0Vdc)
36	VDD3	Power IN	IN	5V(5Vdc±10%)
37	PC7	DBGP2	IN	Terminal for De-Bug 3
38	PC6	DBGP1	I/O	Terminal for De-Bug 2
39	PC5	DBGP0	I/O	Terminal for De-Bug 1
40	PC4	CLK	IN	Writing on bord (CLK)
41	PC3	DATA0	I/O	Writing on bord (DATA0)
42	PC2	ENA/DATA1	I/O	Writing on bord (ENA/DATA1)
43	PC1	Ack out	OUT	For factory use
44	PC0	STATUS in	IN	For factory use
45	P86/AN6	Reserve	OUT	(OPEN)
46	P85/AN5	Reserve	OUT	(OPEN)
47	P84/AN4	Reserve	IN	GND or Pull-up
48	P83	M_OUT MUTE	OUT	Monitor Out Mute MUTE ON:Low OFF:High
49	P70/INT0/T0LCP/AN8	LINE OFF	IN	Detect AC Voltage Reduction (Normal: High)
50	P71/INT1/T0HCP/AN9	Reserve	OUT	(OPEN)
51	P72/INT2/T0IN	Reserve	OUT	(OPEN)

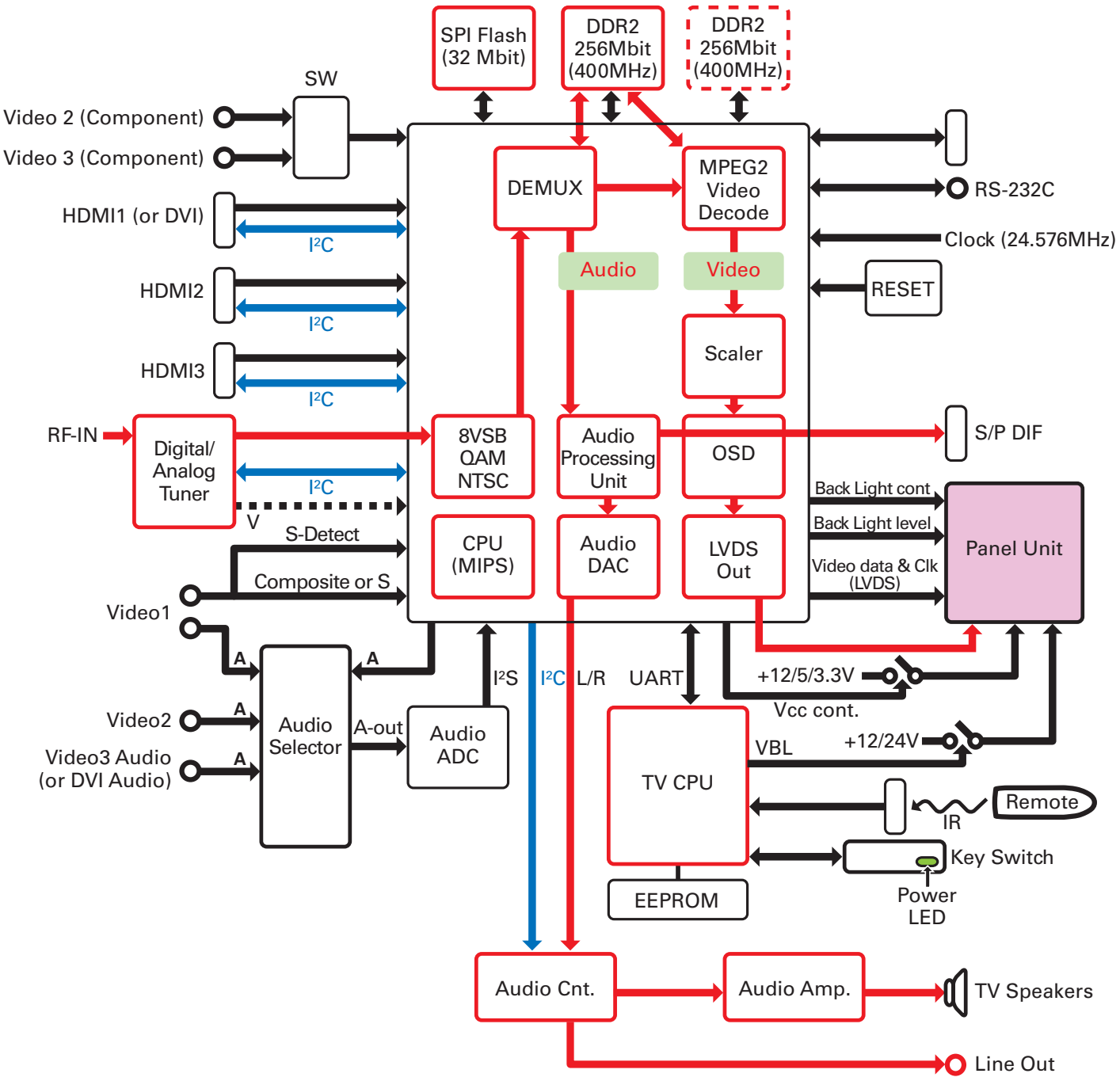
CONTROL PORT FUNCTIONS (CONT.)

System Control (CPU : IC800 CONT.)

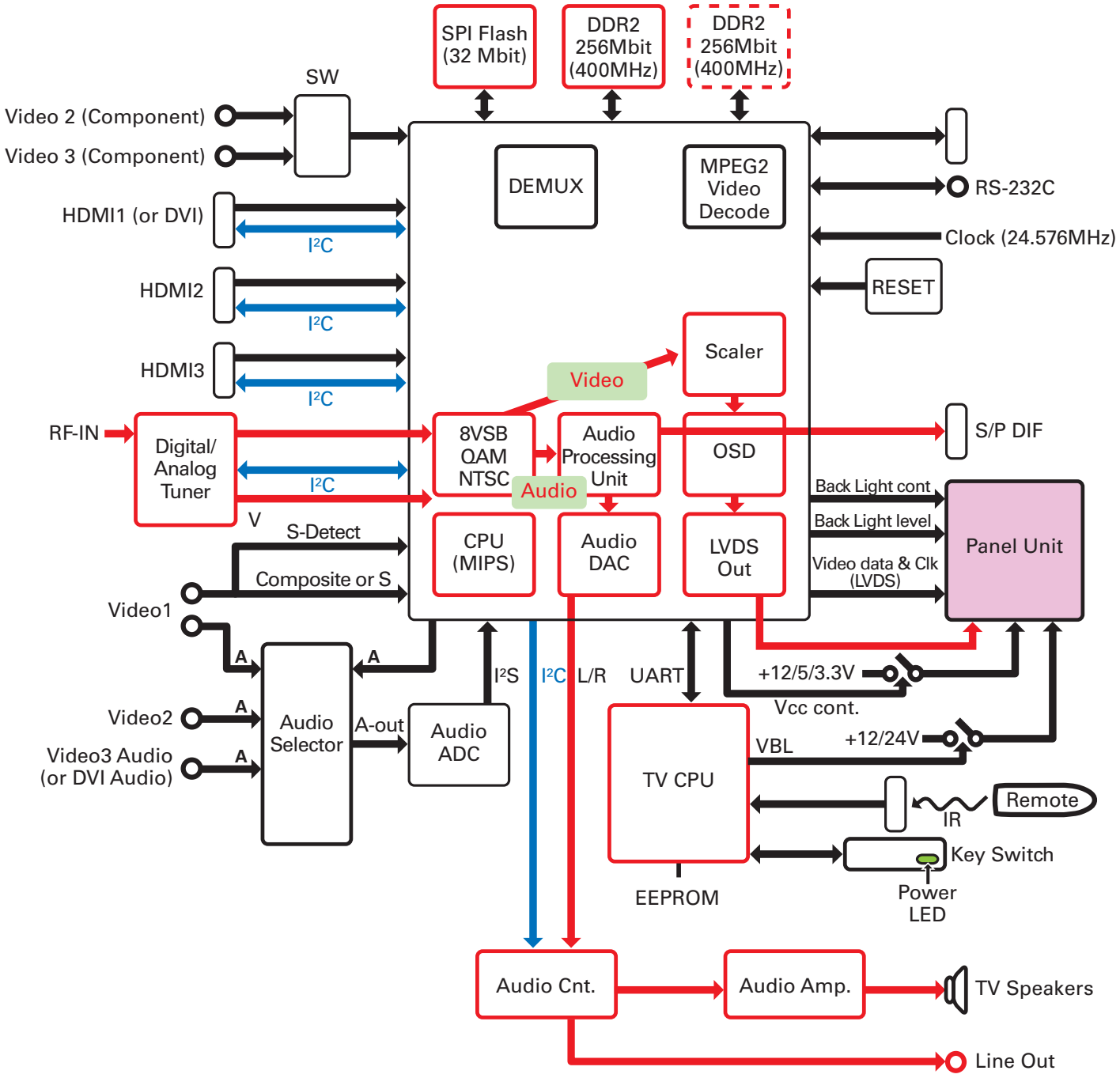
Pin	Name	Function	I/O	Description
52	P73/INT3/T0IN	Rcin	IN	RC Input
53	RES	RESET in	IN	Microcomputer Reset RESET:Low Normal:High
54	XT1/AN10	Xin	IN	Conect to VDD1
55	XT2/AN11	Reserve	OUT	(OPEN)
56	VSS1	Vss	IN	GND(0Vdc)
57	CF1	Xti	IN	Main Clock IN (Fosc=8MHz)
58	CF2	Xto	OUT	Main Clock OUT (Fosc=8MHz)
59	VDD1	Power IN	IN	5V(5Vdc±10%)
60	AN0	Key in	IN	Key input
61	AN1	AFT(Reserve)	IN	GND
62	P82	PANEL READY	IN	Panel Ready (for PDP) OK:High NG:Low
63	P10/SO0	VS-ON	OUT	VS-ON(for PDP) ON:High OFF:Low
64	P11/SI0/SB0	REG SW1	OUT	REG SW1 (ON:High OFF:Low)

SIGNAL FLOW CHARTS

WHEN A DIGITAL-RF CHANNEL IS SELECTED

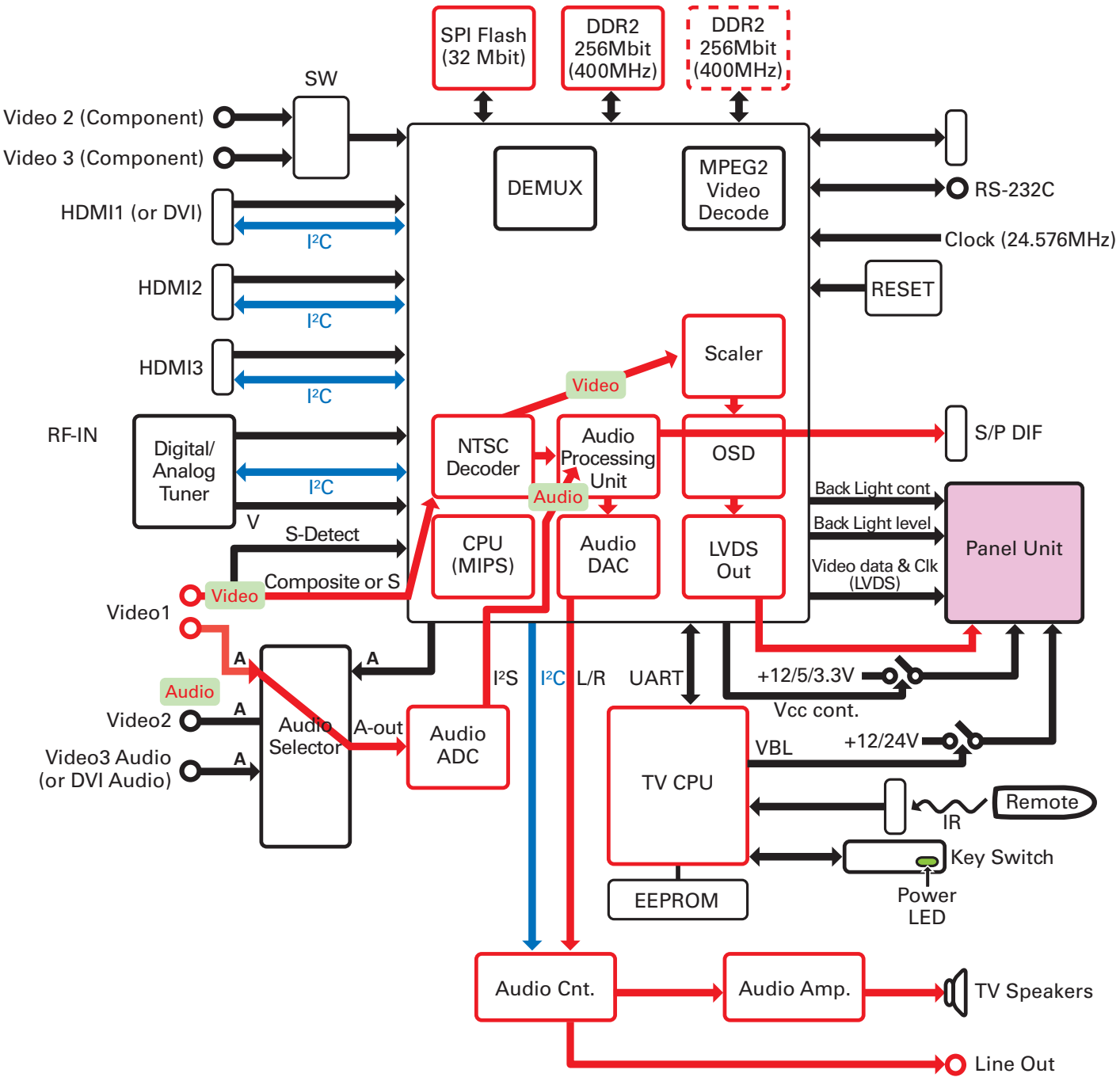


WHEN AN ANALOG-RF CHANNEL IS SELECTED

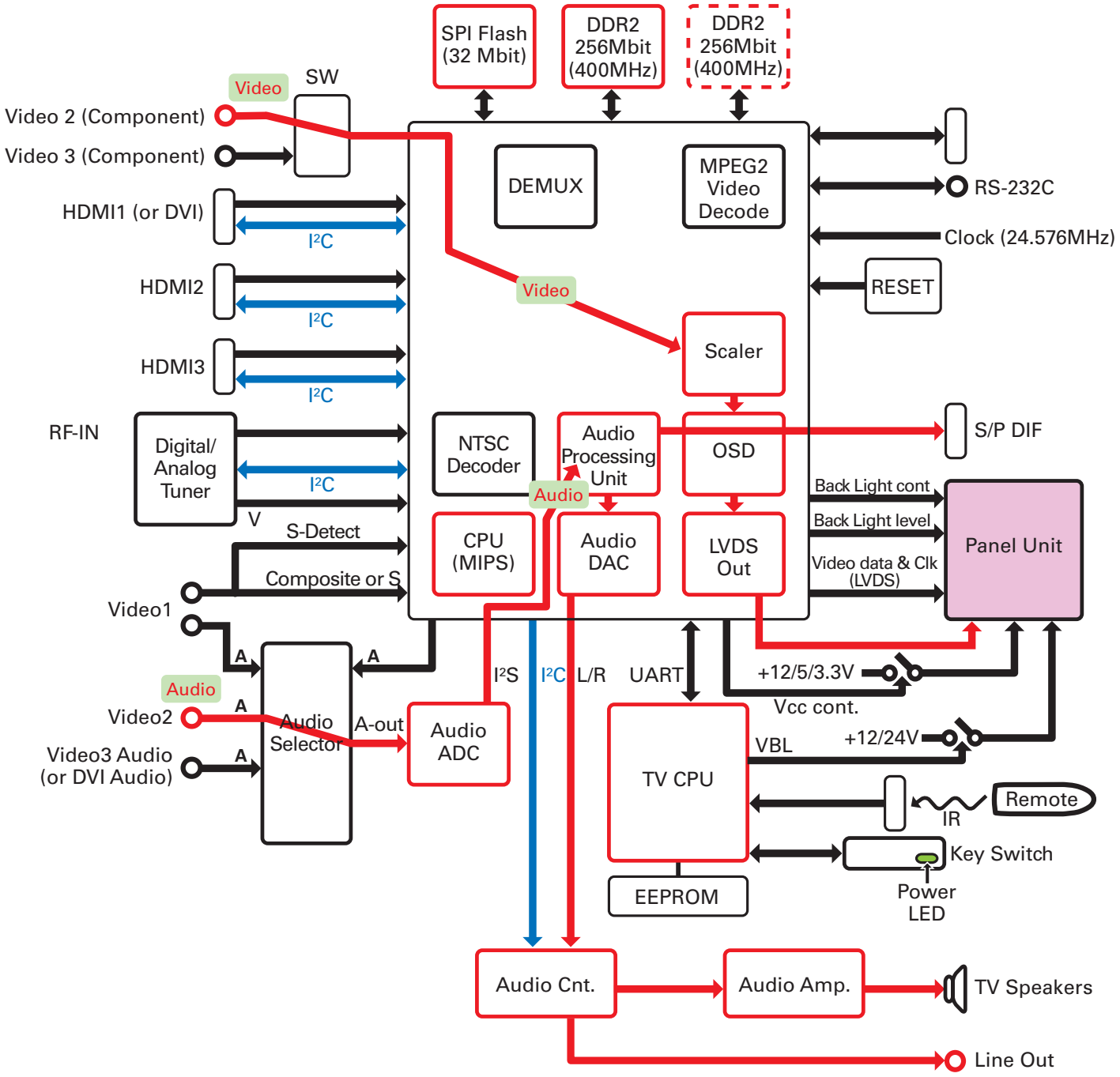


SIGNAL FLOW CHARTS (CONT.)

WHEN A VIDEO INPUT (VIDEO1) IS SELECTED

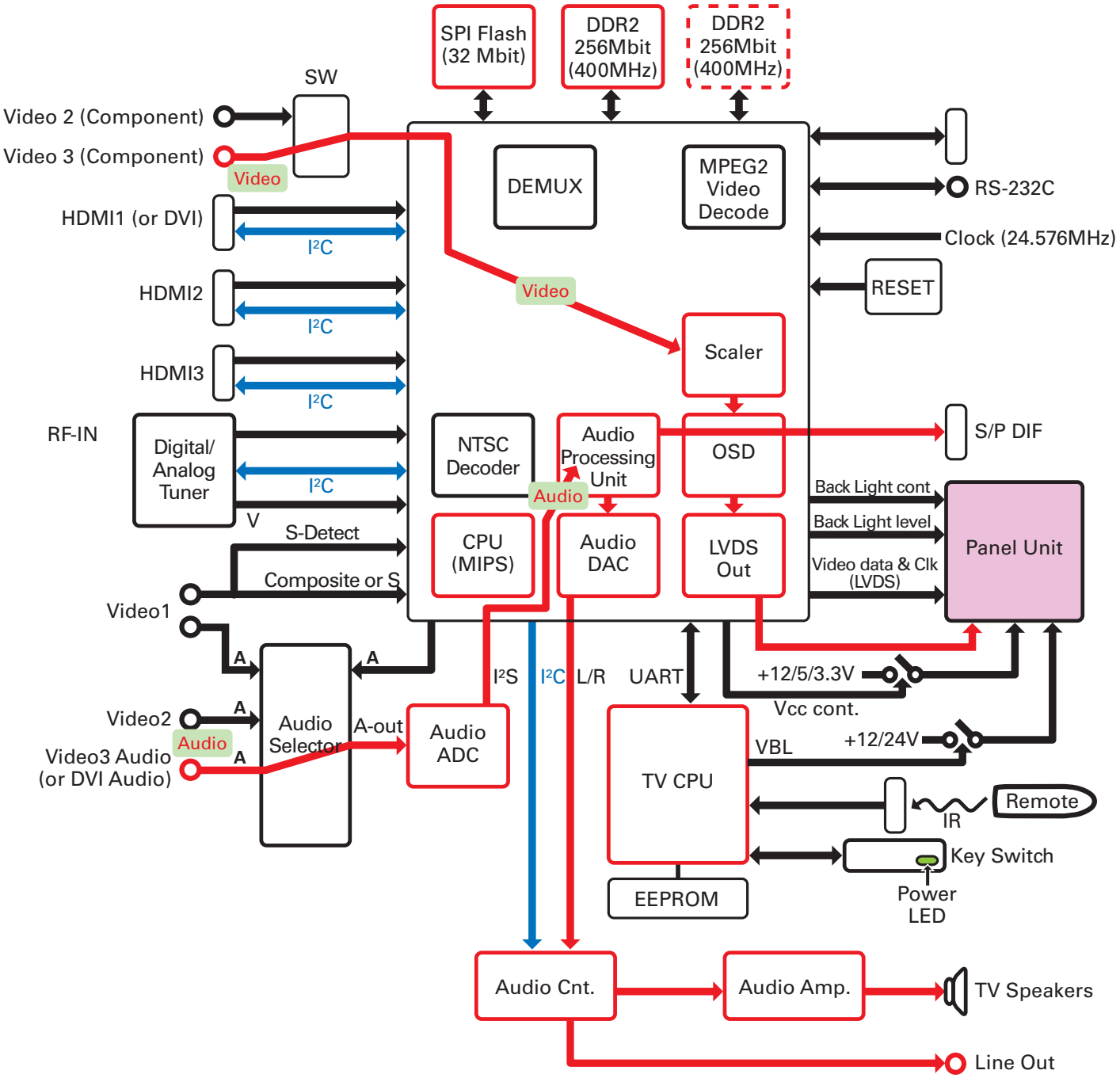


WHEN VIDEO 2 IS SELECTED

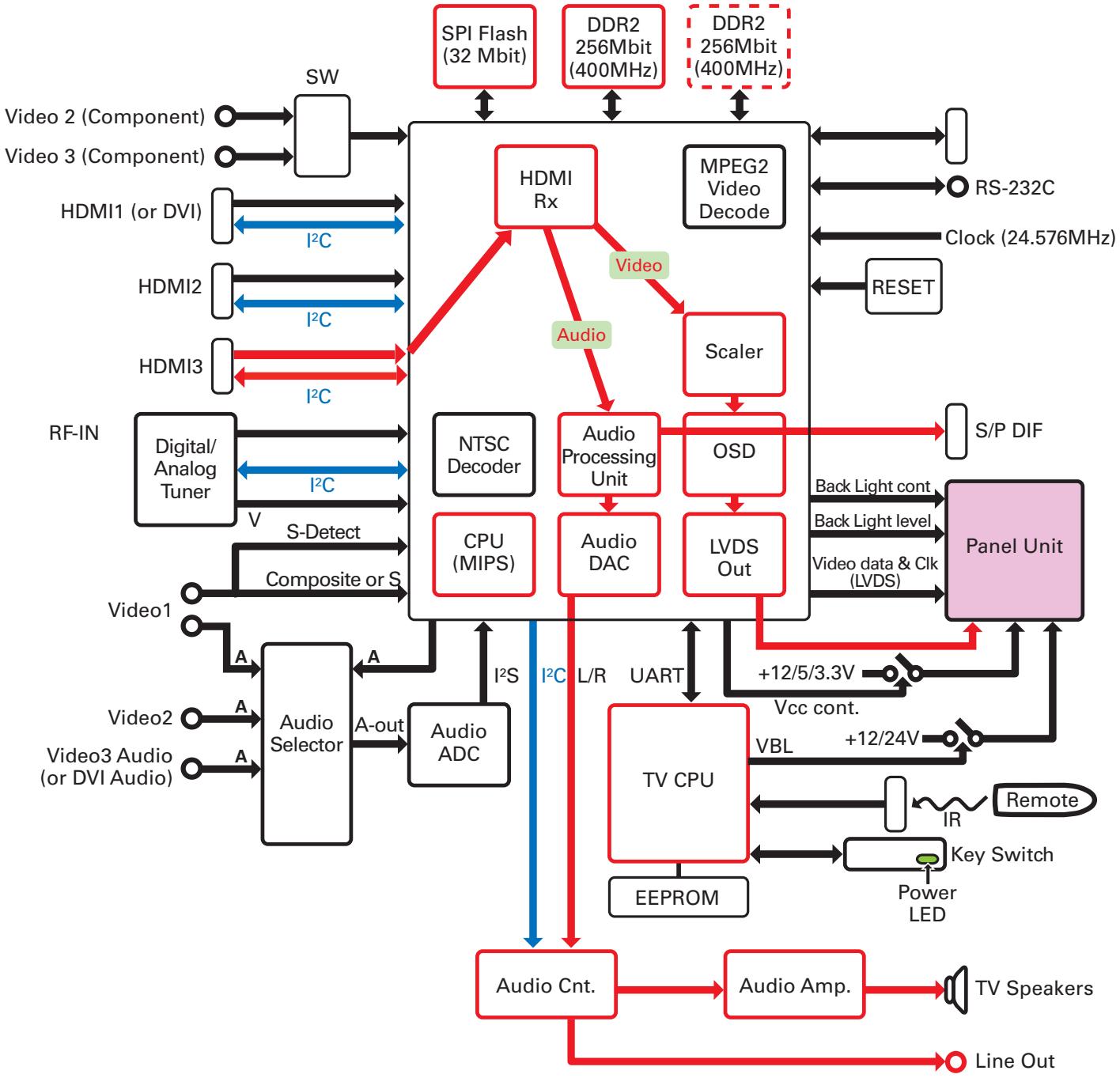


SIGNAL FLOW CHARTS (CONT.)

WHEN VIDEO 3 IS SELECTED

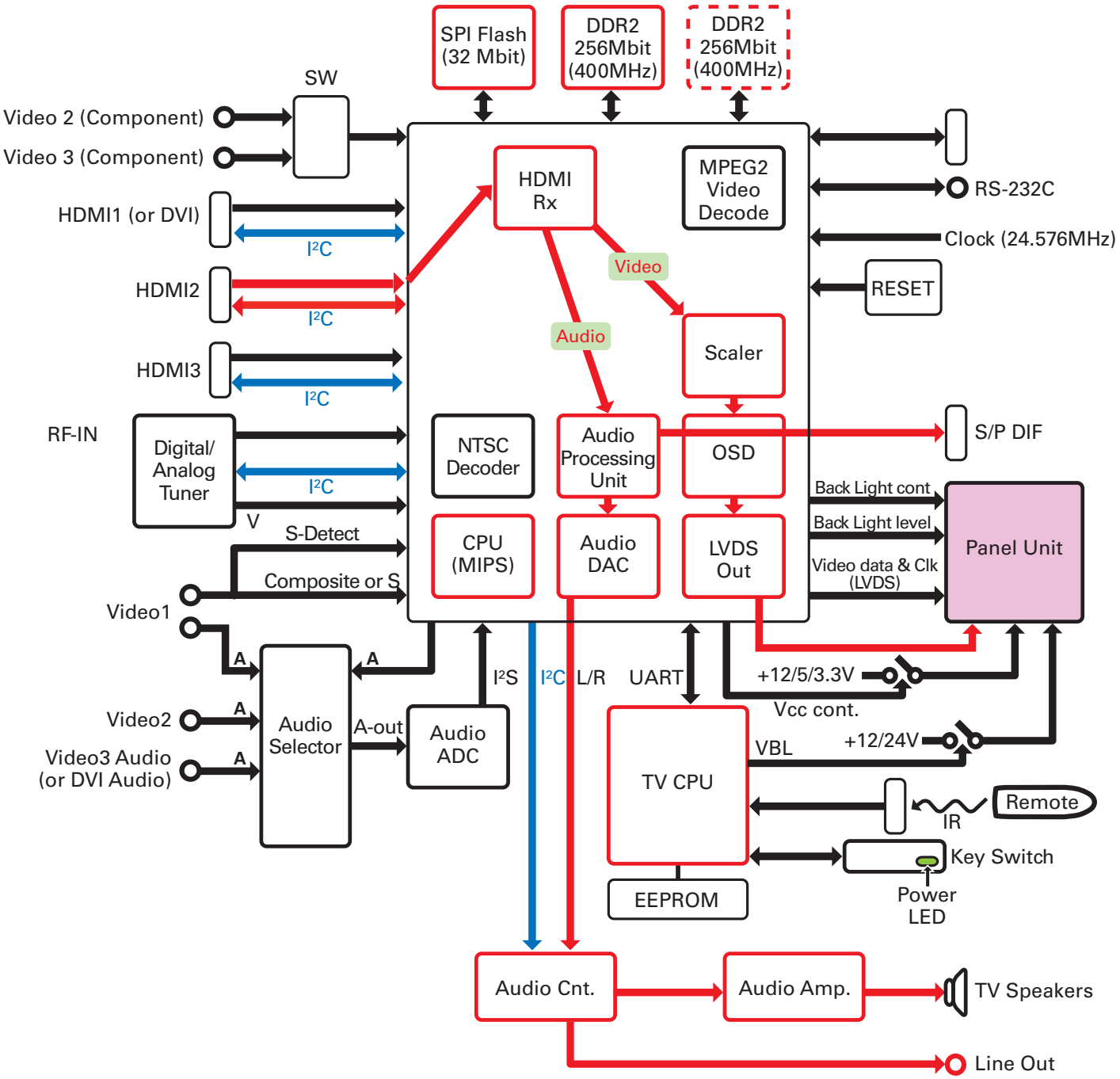


WHEN HDMI-3 IS SELECTED

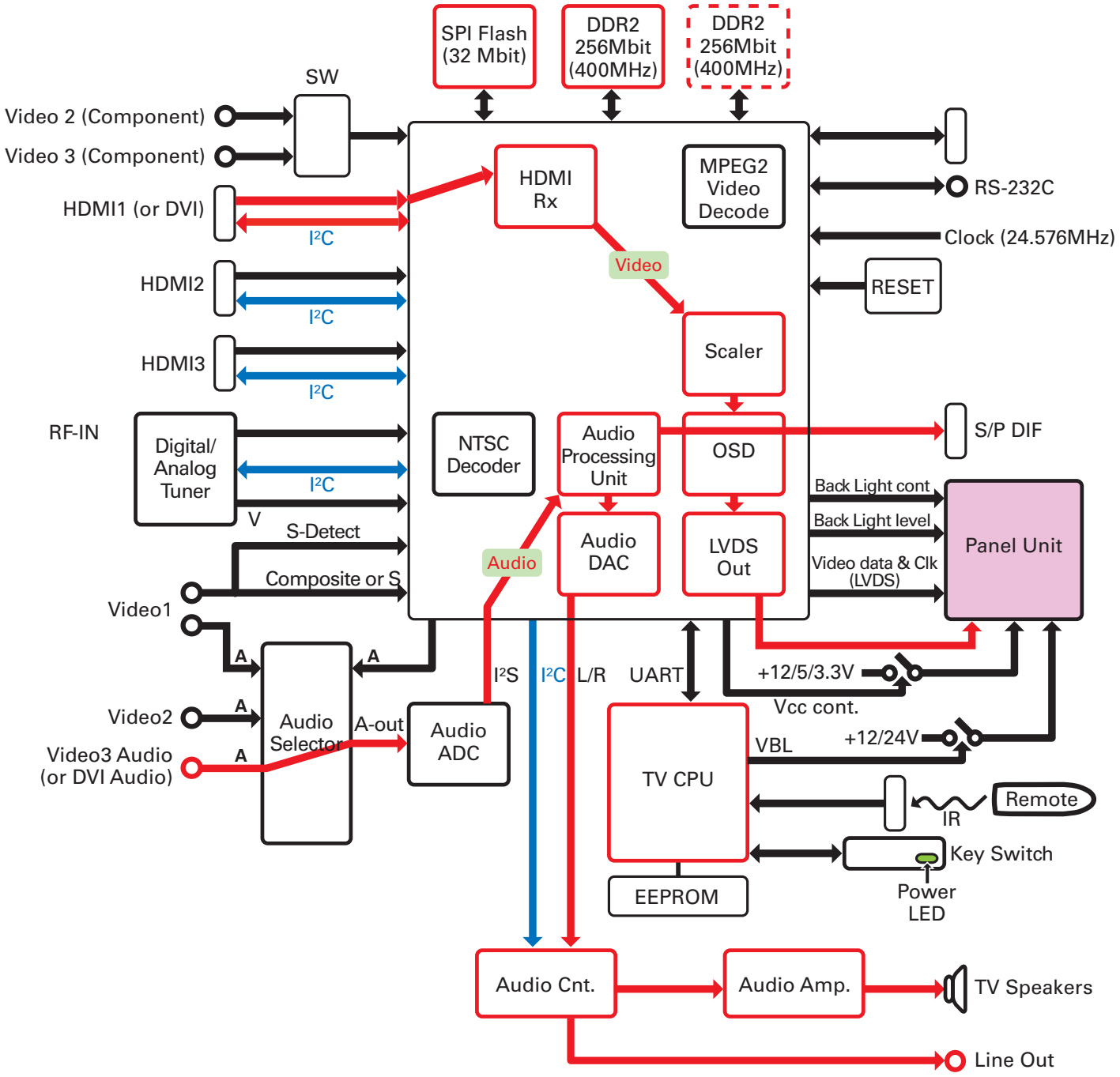


SIGNAL FLOW CHARTS (CONT.)

WHEN HDMI-2 IS SELECTED



WHEN HDMI-1 IS SELECTED (DVI)



SCHEMATIC NOTES

NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerence and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in μF (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. The Symbol ⟨⟩ indicates a fusible resistor, which protects the circuit from possible short circuits.
7. Parts enclosed with ▭ are related with X-radiation.
8. Isolation border line. Cold Side  Hot Side
9. Schematic part location numbers may not always match the schematic symbols.
   The schematic symbols and part descriptions are correct and should be used.
   The part descriptions will be listed under the location number in the parts list.

ELECTROSTATICALLY SENSATIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

SERVICE NOTES:

1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

PRODUCT SAFETY NOTICE

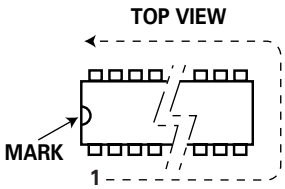
THE COMPONENTS DESIGNATED BY A ⚠ ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A ⚠ NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

PROPER DISPOSAL

Color Televisions can contain hazardous materials including but not limited to lead and mercury. Dispose of CRTs, LCD Panels, LCD Panel Lamps, Plasma Displays and Circuit Boards according to all Federal, State and Local laws and guidlines.

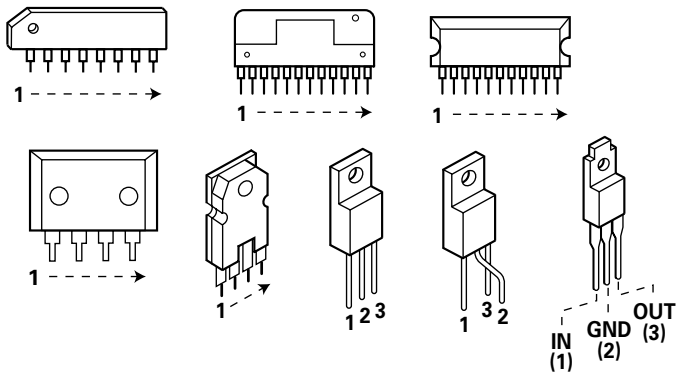
IC, DIODE, AND TRANSISTOR PIN LAYOUTS

INTEGRATED CIRCUITS

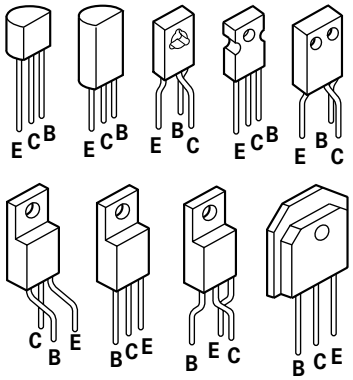


COUNT TERMINALS IN ARROW DIRECTION

SIDE VIEW

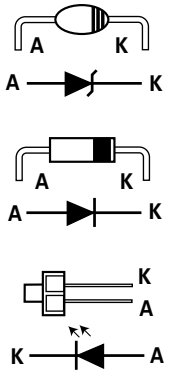


TRANSISTORS



B ... BASE
C ... COLLECTOR
E ... EMITTER

DIODES

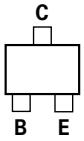


INFRARED EMITTING

A....ANODE
K....CATHODE

CHIP TRANSISTORS

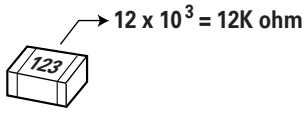
TOP VIEW



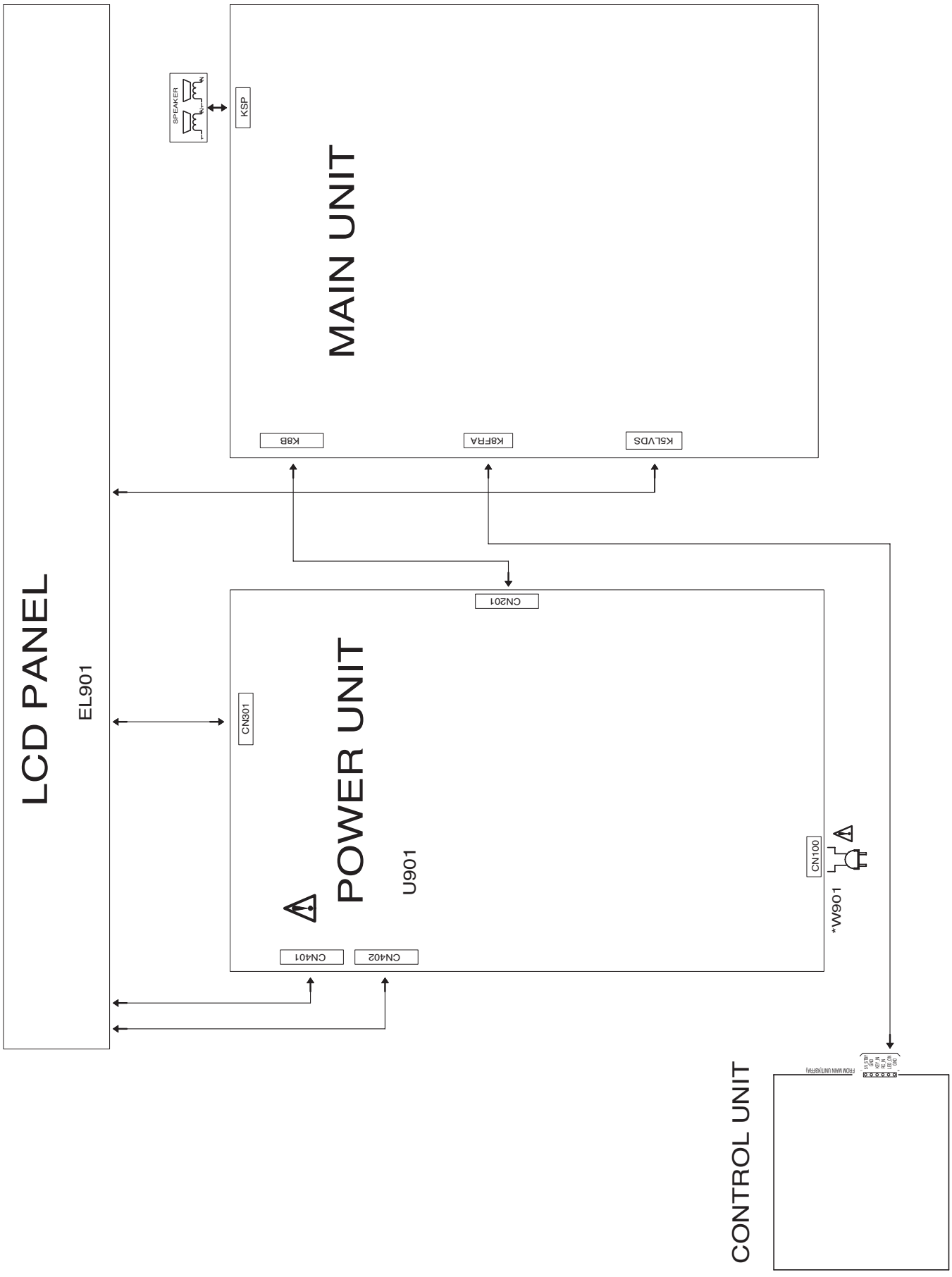
B ... BASE
C ... COLLECTOR
E ... EMITTER

CHIP RESISTORS

TOP VIEW

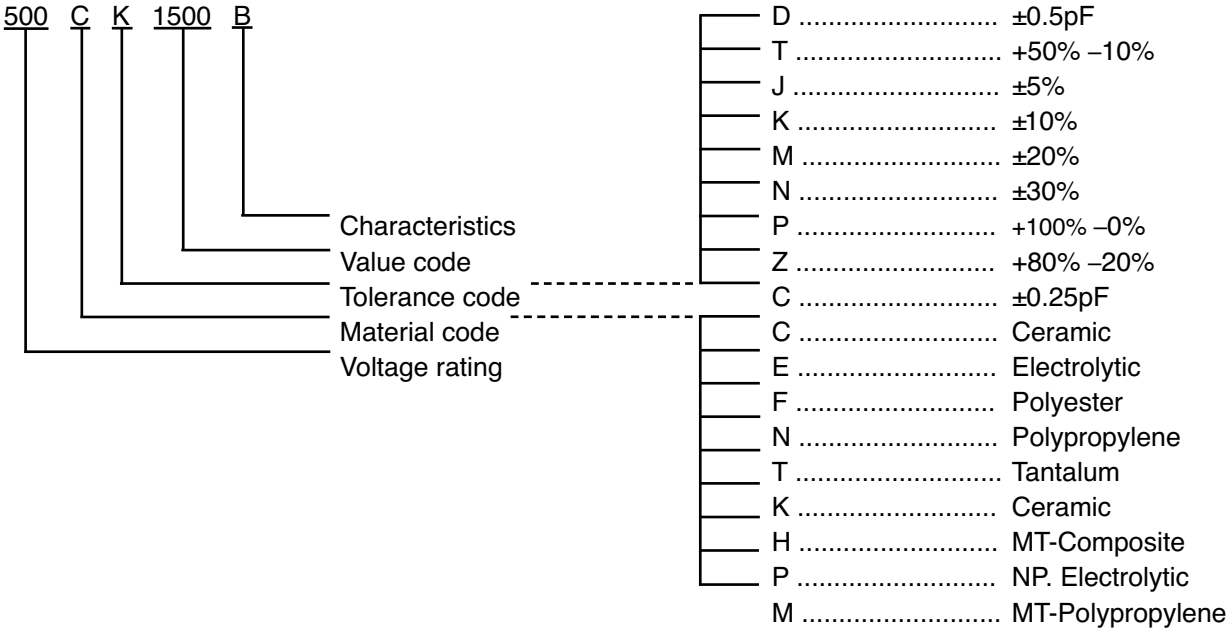


PC BOARD CONNECTIONS AND LOCATIONS

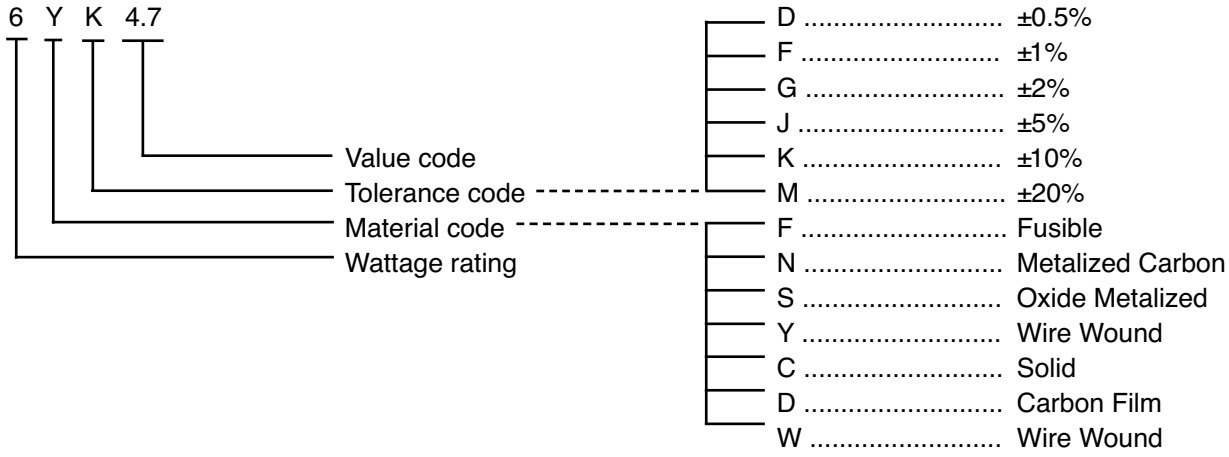


CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)



RESISTOR (Example)



For parts or service contact

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P.O. Box 2000
3333 Sanyo Road
Forrest City, Arkansas 72335-2000

Apr 2008 SMC

Published in U.S.A.

ELECTROSTATICALLY SENSATIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

TO SPEAKER

KSP

LA4292GP-E
*IC0001

IC1251 TC4052BFP :CD4052BNSRP

IC1251				
SW1	SW2	chA	chB	SEL
Hi	Hi	Lo	Lo	GND
Lo	Hi	Hi	Lo	AV1
Hi	Lo	Lo	Hi	AV2
Lo	Lo	Hi	Hi	AV3

IC800 QXXAAJQ0858 :QXXAVC980M LC87F5932AU-QIP-E

IC8200 NJW1142CVP

IC1650 MP2106CDK

IC1670 QXXAVC692P

IC1691 PST600DMTP

IC801 LE24C042M-EP :QXXAVC820P :QXXAVC64P

IC802 TC7SET08FUP

IC803 TC7SH08FUP

K8B

K8P

*K8L

K8FRA

K8D1

K_JIGU
J11EG151N
DEBUG

1AA0B10N238F0(ASSY,PWB MAIN N6EE)

ELECTROSTATICALLY SENSATIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

*IC5500
QXXAVC969M

*IC5700
QXXAVC967P

IC6504
QXXAVC972M

<TOP_VIEW>

K6501
J11B8591G

K6502
J11B8591G

K6503
J11B8591G

FLASH-ROM

DEBUG ONLY

1AA0B10N238F0(ASSY,PWB,MAIN N6EE)